

MetaTrader 4 Manager — User Guide

Translate: EN ▾



The program for processing trade operations and management of clients' accounts. It is intended for processing clients' requests for opening, closing and changing trade positions, analysis of total clients' positions and management of the company's own positions.

Also MetaTrader 4 manager allows receiving full information about the clients' operations, sending quotations to the data flow on the server, opening new accounts, viewing statistic data of any client's operation, generation of reports of different types, sending and receiving messages using the internal mailbox, publishing news in clients' terminals.

The screenshot shows the MetaTrader 4 Manager application window. The main interface includes a toolbar with icons for account creation, login, and other functions. Below the toolbar are three tabs: 'Connect', 'Automation', and 'Multiple'. The 'Market Watch' tab is active, displaying a grid of currency pairs with their current Bid and Ask prices. The 'Margin Calls' tab shows a list of clients with their login names and current margin levels. The 'Toolbox' tab is also visible. At the bottom, there are links for 'Exposure', 'Coverage', 'Dealing', 'Alerts', 'Mailbox', 'News', 'Support', and 'Journal'.

Symbol	Bid	Ask
GBPUSD	1.57142	1.57153
EURUSD	1.35686	1.35695
USDJPY	93.855	93.864
USDCAD	0.99404	0.99439
NZDUSD	0.83657	0.83682
AUDUSD	1.03300	1.03310
AUDNZD	1.23435	1.23495
AUDCAD	1.02694	1.02739
AUDCHF	0.93773	0.93823
AUDJPY	96.942	96.964
CHFJPY	103.356	103.385

Login	Group	Balance
629178	demoforex	997 778.39
629179	demoforex	29 719.52
629180	demoforex	991 935.80
629181	demoforex	32 212.91
629182	demoforex	993 557.59
629183	demoforex	-13 184.70
629184	demoforex	-6 939.45
629185	demoforex	498 514.31
629186	demoforex	990 256.15
629187	demoforex	3 422.57
629188	demoforex	29 318.53
629189	demoforex	998 104.41

Login	Level
620931	0.0%
628678	34.8%
629074	35.8%
628038	36.3%
628833	37.6%
629424	38.7%
628488	38.7%
628276	38.9%
627205	39.1%
629245	39.5%
628307	40.1%
627166	40.3%

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[Additional Features](#)

[Getting Started](#)

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General

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The program for processing trade operations and management of clients' accounts MetaTrader Manager 4 is a part of online trading platform MetaTrader 4. It is intended for:

- management of accounts and orders of clients;
- processing clients' requests for opening, closing and changing trade positions;
- analysis of total clients' positions and management of the company's own positions;
- receiving full information about the clients' operations;
- sending quotations to the data flow on the server;
- opening new accounts;
- viewing statistic data of any client's operation;
- generation of reports of different types;
- sending and receiving messages using the internal mailbox;
- publishing news in clients' terminals.

MetaTrader Manager 4 can operate under Microsoft Windows XP SP3/Vista/7/8/10 or Windows Server 2008R2/2012/2012R2. A processor with SSE2 support (Pentium 4/Athlon 64 or higher) is required for operating as well. Other hardware requirements are limited with software ones.

[Getting Started](#)[Common settings](#)

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Common settings

The setup of client terminal are made in the "Tools – Options..." menu and include setting the following parameters:

[connection to the server \(Server tab\)](#)

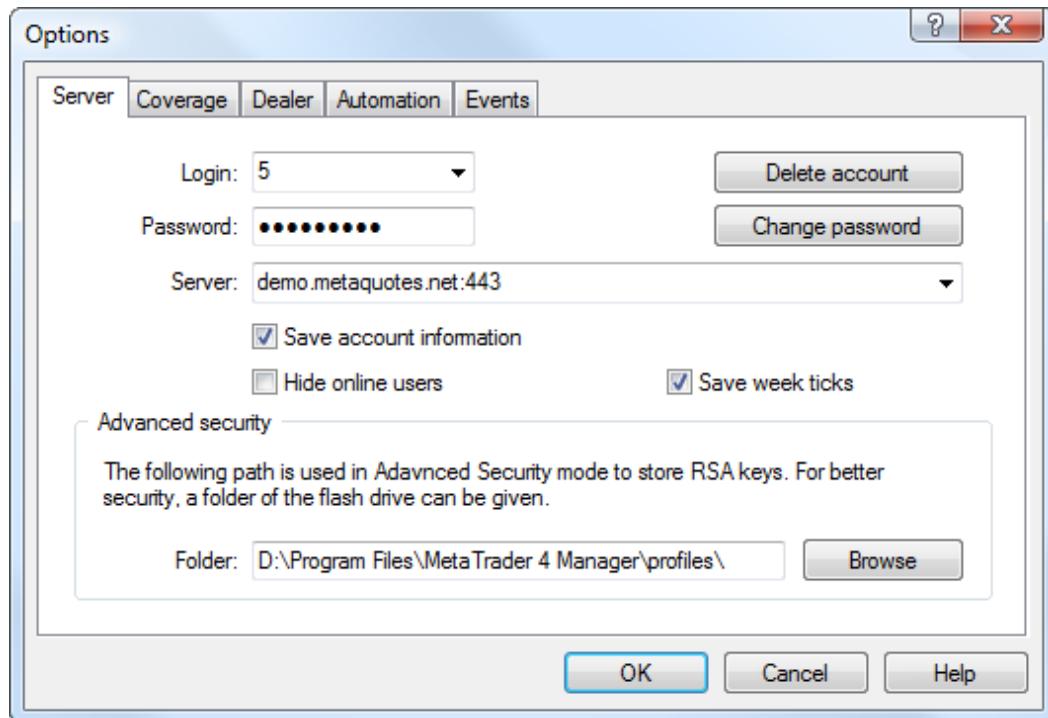
[coverage of client positions \(Coverage tab\)](#)

[dealer operations \(Dealer tab\)](#)

[automatic processing of requests \(Automation tab\)](#)

[signaling about system events \(Events tab\)](#)

Setting connection to the server (Server tab)



It is necessary to give the trade server address, login, and password in the "Server" tab. The "Delete account" button allows to delete manager login from the saved logins list. After the connection to the server has been established, the "Change password" button allows to change the current password. If advanced security applies to the group of the manager being connected, it is necessary to describe the path to RSA keys, as well. For the purpose of providing with additional security, keys can be located on a portable data medium, for example, on a flash-memory card.

The following additional parameters of connection can be set in the "Server" tab:

Save account information — save login, password, and internal mails between connections to the server;

Hide online users — hide online users;

Save week ticks — if you enable this option, the manager terminal will collect tick data by symbols weekly in the ticks.raw file. At the end of a week the data from it will be written to a file of weekly ticks

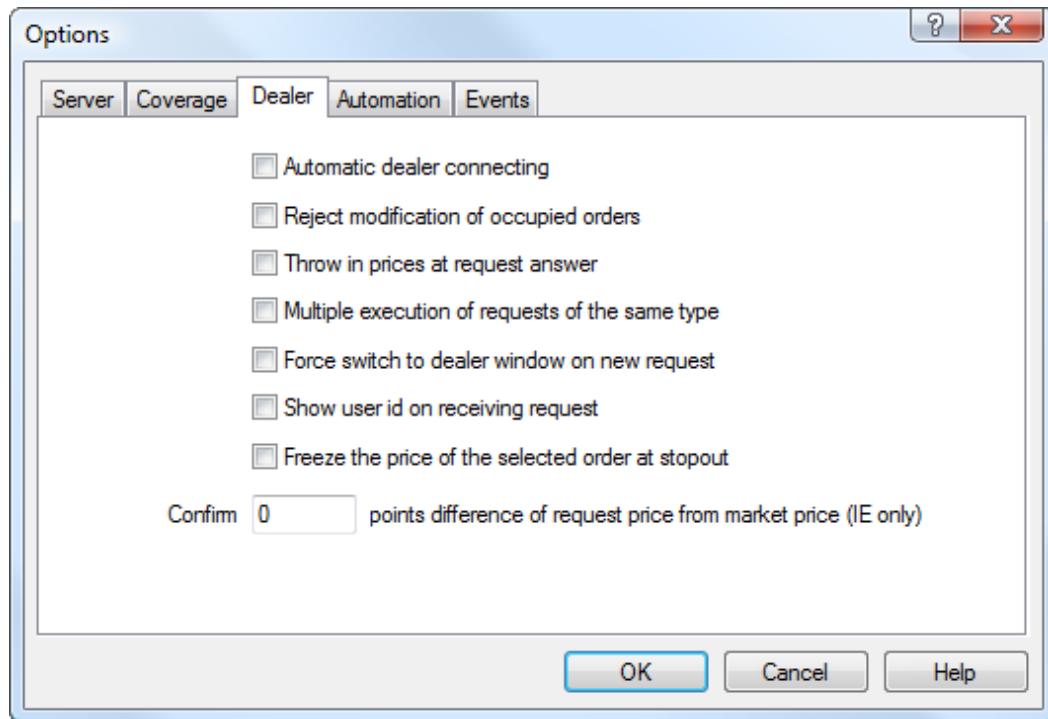
YYYY.MM.DD.ticks, and the file will be cleaned to collect information for the next week. If the option is disabled, only last 2000 ticks will be stored, weekly data won't be saved.

Coverage of client positions (Coverage tab)

MetaTarder Manager 4 allows to cover client positions and exposure.

See "[Risk Management - Coverage](#)" for more detailed information.

Dealer operation settings (Dealer tab)



The following parameters of dealer operations can be set in the "Dealer" tab:

Automatic dealer connecting – connect dealer automatically after manager authorization;

Reject modification of occupied orders – reject modification of orders with crossed Stop Loss/Take Profit level and pending orders queueing up for activation;

Throw in prices at request answer – input quotations when answering a request;

Multiple execution of requests of the same type – when confirming the request, automatically execute queued requests of the same type, with the same operation, for the same symbol, on a smaller or equal volume, at the equal or worse prices;

Force switch to dealer window on new request – force switch to dealer window on new request;

Show user id on receiving request – show account ID in the customer's details field on receiving a request;

Freeze the price of the selected order at stopout – freeze the price of the selected most losing order at stopout. When a stopout occurs, the MetaTrader 4 Manager chooses the client's most losing order and places it in the list of triggered orders on the "[Dealer](#)" tab. If this option is enabled, the price of the most losing order selected should be frozen as of the stopout, i.e., the close price and the profit don't change at the arriving of a new ticks. At the same time, if the price goes against the dealer, he or she can close the given order at the price most beneficial to him/her. If the price goes against the client, the dealer can close the order at the price as of the stopout, which wouldn't allow the client to lose more. If the dealer closes another order during stopout, it is necessary to delete the selected order from the list of triggered orders on the "Dealer" tab in order to unfreeze the price of the selected losing order.

The **Confirm** n points setting controls what price will be automatically substituted into the dealer's quotes box if the request price for a symbol in the Instant Execution mode differs from the current market price. If the request price differs from the current one not in favor of the client, the request price will be substituted in the quotes box. If the dealer presses the "Confirm" button without changing of the price, the position will be opened at a price worse than the market one. If the request price differs from the current one not in favor of the dealer, but keeps within the value

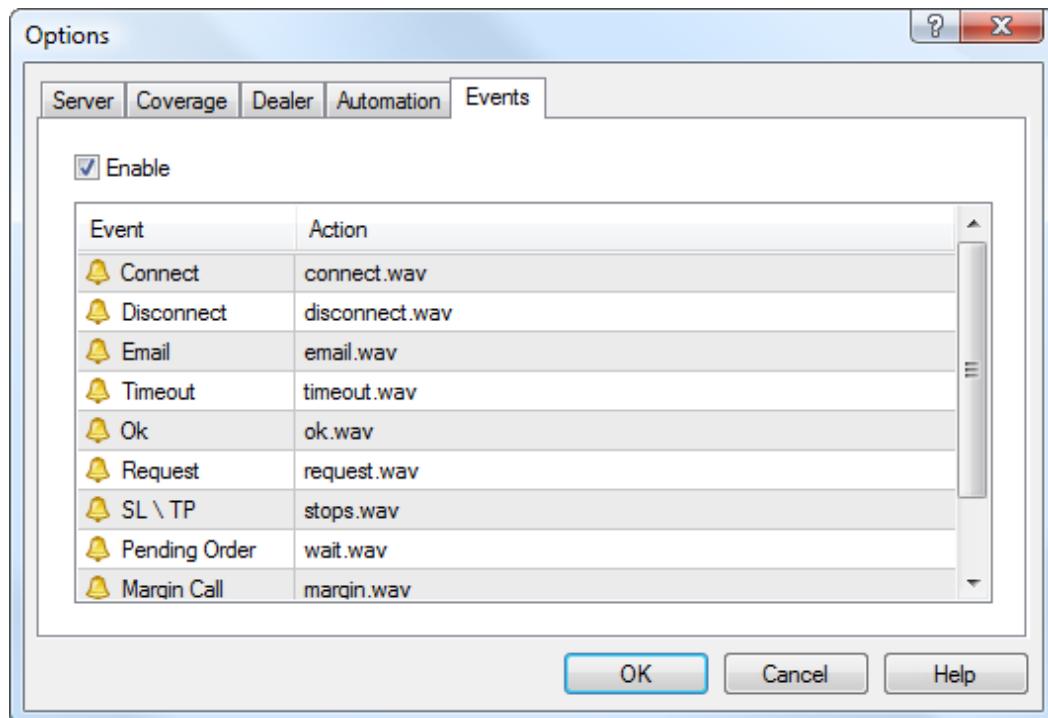
given in settings, the request price will be substituted in the quotes box. If the dealer presses the "Confirm" button without changing of price, the position will be opened at a price better than the market one. It means, in settings, the amount of points that the dealer can present to the client and, thus, prevent against multiple requotes. If the request price differs from the current one not in favor of the dealer and does not keep within the value given in the settings, the current price will be substituted into the quotes box. At that, if the dealer presses the "Confirm" button without changing of the price, the client will receive the suggestion to requote or a position will be opened, if the new price keeps within the maximal deviation given by the client in the terminal at sending off the request. In any case, the dealer can change price that will be automatically substituted into the quotes box and give the own prices.

Setting automatic request processing (Automation tab)

MetaTarder Manager 4 allows a connected dealer to confirm trade requests of necessary types automatically.

See "[Request Processing - Automation](#)" for more detailed information.

Notification on system events (Events tab)



The "Events" tab allows to setup system events notification. The "Enable" flag permits using events notification in the terminal. The predefined system event is placed in the "Event" field, and the file - in the "Action" field. System events are:

Connect – connection to the server;

Disconnect – disconnection from the server;

Email – receiving emails;

Timeout – timeout and errors when executing operations;

OK – successful execution of the operation;

Request – receiving a new request by the dealer;

SL / TP – crossing the Stop-Loss or Take-Profit level of the order;

Pending Order – pending order activation;

Margin Call – the account has crossed the Margin-Call level;

Requote – a dealer has proposed a new quote for a trade operation.

General

Client Accounts

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Client Accounts

Translate: EN 

This section describes how to work with client accounts in the manager terminal:

[Adding a New Account](#)

[Accounts](#)

[Online](#)

[Orders](#)

[Sending Notifications](#)

[Common settings](#)

[Adding a New Account](#)

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Adding a New Account

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MetaTrader Manager 4 allows manager to add a new account to an account group for which this manager has sufficient rights. The created accounts will have zero deposit which can be completed later. A new account can be added through "File - New Account..." menu command.

New Account

This brief form allows you adding a new user into the clients database.
All users to create have default settings with zero deposit, login number is allocated automatically.

Group:	demoforex	Predefined login:	next	Status:	▼
Name:				Color:	None
City:		State:		Country:	Russia
Address:				Zip-code:	
Email:				Phone:	
Comment:				ID number:	
Leverage:	1 : 100 (forex only)	Tax rate:	%	Agent account:	
<input checked="" type="checkbox"/> Allow to change password		<input type="checkbox"/> Read only (without trading)		<input checked="" type="checkbox"/> Send reports	
Passwords Each account has several types of passwords. Master password is used for unlimited access. Investor password is for read-only access, without trading. Phone password is used to authorize for trading via phone.					
Master:	xGEa6oq	Investor:	2hYbMDk	Phone:	

It is necessary to fill out personal data of the account in the appearing window:

Group – the group to which the account belongs;

Predefined login – the account number. If this field has not been filled out when a new account is added, the server will fill it out automatically;

Name – the owner's name;

Status – resident/non-resident, the characteristic of a taxable person that is defined by the principle of his/her permanent residence;

Color – the color the information about the account will be displayed with in the dealer's window when a new trading request comes from the account owner;

City – city;

State – state (district, region, territory, etc.);

Country – country;

Address – residence address of the account owner;

Zip-code – postal code;

Email – emailing address;

Phone – telephone number.

Comment – the description;

ID number – SIN, TIN, ITN, or other identification data of the account owner;

Leverage – leverage;

Tax rate – tax rate;

Agent account – the account of the agent that services this trading account;

Allow to change password – allow/prohibit to change password;

Read only (without trading) – allow to trade or to watch charts only, without trading;

Send reports – send reports.

Passwords to access to the account must be given, as well:

Master – the main password of the account;

Investor – the investor password of the account to be used for account monitoring without permission to make transactions;

Phone – password for the account owner identification when trades are made by phone.

Attention! The main password and the investor password must be rather complex: at least 5 characters long and containing at least two of three character types (lowercase, uppercase, or digits). The maximum password length is 15 characters.

Accounts

Translate: EN ▾



The "Accounts" section is intended for managing all accounts of the system.

Login /	Name	Group	City	Email	Balance	▲
598660	Johm Smith	demoforex7		john@smith.com	1 000 000...	
598661	Johm Smith	demoforex		john@smith.com	1 000 000...	
598662	Johm Smith	demoforex		john@smith.com	670 581.99	
598663	Johm Smith	demoforex		john@smith.com	1 000 000...	
598664	John Smith	demoforex		john@smith.com	754 008.40	
598665	Johm Smith	demoforex1		john@smith.com	1 000 000...	
598666	Johm Smith	demoforex1		john@smith.com	1 000 000...	
598667	Johm Smith	demoforex		john@smith.com	1 000 000...	
598668	John Smith	demoforex1		john@smith.com	748 987.62	
598669	Johm Smith	demoforex		john@smith.com	5 000.00	
598670	Johm Smith	demoforex		11@1.com	5 000.00	
598671	Johm Smith	demoforex		11@1.com	5 000.00	
598672	John Smith	demoforex			0.00	

Online: 1 Accounts: 598672 Orders: 33037 Dealer Reports History Reports Journal

To make the process more convenient, all accounts are accumulated in a table having adjustable cells. By default, the following fields are shown:

Login – the account number;

Name – the name of the account owner;

Group – the group in which the account is located;

City – city;

Email – email address;

Balance – balance;

Context menu allows to execute the following commands:

New Account – create a new account;

Account Details – open the window of account details;

Email – send a message to the client using internal email;

Journal – switch to the "Journal" tab to request logs for the selected account;

Group Operation – operation on a selected group of accounts;

Find – find the account in the list of accounts;

Copy – copy the selected accounts from the list into the clipboard;

Save – save the unprocessed report on the accounts;

Auto Arrange – automatic arrangement of column size when the window size is changed;

Grid – hide/show the grid to separate columns;

Columns – select columns to be shown.

Personal data of the account (Personal tab)

The personal data of the account are located in "Personal" tab:

The screenshot shows the 'Personal' tab of the MetaTrader 4 Manager. The account number is 713694, owner is John Smith, currency is USD, and time zone is 1:100. The 'Enable' checkbox is checked. Other fields include Registration date (2013.11.25 11:40), MetaQuotes ID (3AE93F55), Name (John Smith), City (New York), State (empty), Country (United States), Zip-code (empty), Phone (empty), Email (john@smith.com), ID number (empty), Status (RE), Color (None), Group (demoforex), Comment (empty), Leverage (1 : 100, forex only), Tax rate (empty %), Agent account (empty), Lead source (empty), and several checkboxes for password changes and reports. Buttons at the bottom include Notification, Journal, Email, Update, Cancel, and Help.

Enable – enable/disable the account;

Registration date – the account registration date;

MetaQuotes ID is a unique identifier assigned to each user during installation of the MetaTrader 4 for [iPhone](#) or [Android](#). This identifier is used like a phone number. By specifying MetaQuotes ID in the desktop terminal settings, a user can send notifications about various trad events on their mobile devices. MetaQuotes is also supported by [MQL5.community](#): by specifying the identifier in profile, a user can receive important notifications from the website and communicate with other members of the community via private messages. For more information please refer to the article [MetaQuotes ID in MetaTrader Mobile Terminal](#). MetaQuotes ID is added to the client record on the server side, once the client specifies it in the terminal settings. To [send a message](#) to the client, click "Notification".

Name – the name of the account owner;

Phone password – password the account owner to be identified with when trading by phone;

To view the phone password, click the left mouse-button on this field.

City – city;

State – state (district, region, territory, etc.);

Country – country;

Address – the account owner's residence address;

Zip-code – zip-code;

Phone – telephone number;

Email – email address;

ID number – SIN, TIN, ITN, or other identification data of the account owner;

Status – resident/non-resident, the characteristic of a taxable person that is defined by the principle of his/her permanent residence;

Color – the color the information about the account will be displayed with in the [dealer's window](#) when a new trading request comes from the account owner;

Group – the group to which the account belongs;

Comment – description;

Leverage – leverage;

Tax rate – tax rate;

Agent account – the account number of the agent servicing for this trading account;

LeadSource – this field is used for marketing campaigns allowing you to track where a client came from. To receive the data, add the following to the client or mobile platform download link:

```
https://download.mql5.com/cdn/web/metaquotes.software.corp/mt4/mt4setup.exe?utm_campaign=YourLeadSource
https://download.mql5.com/cdn/mobile/mt4/ios?server=ABC-Demo,ABC-Real&utm_campaign=YourLeadSource
https://download.mql5.com/cdn/mobile/mt4/android?server=ABC-Demo,ABC-Real&utm_campaign=YourLeadSource
```

where YourLeadSource is a name of a campaign. In the "server" parameter of the mobile platform links, enter the list of your servers to be shown to traders when they open an account.

When opening a demo account and connecting to any trading account via the terminal downloaded using such a link, utm_campaign value is set in a client record at the server side.

Attention! An agent's clients should not necessarily have the same deposit currency as the agent account. Currency is converted according to the current exchange rates.

Enable one-time password – use of OTP (one-time password) provides an additional level of security when working with trading accounts. The user is required to enter a unique one-time password every time to connect to an account. One-time passwords are generated in the [mobile terminal for iPhone](#) and the [mobile terminal for Android](#). Using this option, you can enable/disable the OTP use for individual clients in the group. If use of OTP is disabled for a group, enabling this option does not have any effect.

The instructions for using one-time password are provide in the client terminal user guide.

One-time passwords are available only for client accounts. OTP authorization is currently not available for the manager and administrator terminals.

Allow to change password – allow/prohibit to change password;

Read only (without trading) – allow to trade or to watch charts only, without trading;

Send reports – send reports.

Account Commands

Journal – request server journal for the account.

Email – send a message to the account via the internal mail system.

Update – save changes made to the account on the server.

Notification – send a [push notification](#) to the client. Inactive until MetaQuotes ID is filled.

Account Security (Security tab)



The "Security" tab makes it possible to check Master password of the account and to change the Master/Investor password of the account, as well.

There is an opportunity to reset the secret key of the account on the server for the accounts from the group having authorization via one-time passwords enabled. A secret key is required when using a custom generator of one-time passwords. This functionality is under development.

Password must be rather complex: at least 5 characters long and containing at least two of three character types (lowercase, uppercase, or digits). The maximum password length is 15 characters. Once the password is changed, the connection of the account to the trader server is reset. A reconnection with the new password is required.

Group Operations

Group operations allow to work using a group of accounts selected in the table in "Accounts" section (not to be confused with account groups like **demoforex**, **contest**, etc.), but not separate accounts. To do so, it is necessary to execute "Group Operations" command of the context menu. All group operations are shown in the same window:



Operation on the set of accounts. You can enable or disable accounts, change accounts group, or change accounts leverage.

Login	Name	Group	Leverage	Balance
598669	John Smith	demoforex	1 : 100	5000.00
598670	John Smith	demoforex	1 : 500	5000.00
598671	John Smith	demoforex	1 : 500	5000.00
598672	John Smith	demoforex	1 : 100	0.00

Group: demoforex **Set Group** **Leverage:** 1 : 100 **Set Leverage**

Enable **Disable** **Delete**

Cancel

Set Group – move accounts to another group (demoforex, contest, etc.) that is chosen in the "Group" field;

Attention:

Transferring accounts between groups with different deposit currency is only possible if the accounts have zero balance and credit.

An account is immediately moved from one group to another one even if there are open orders and positions (server restart is not required) on condition that the groups have the same deposit currency. After transferring, connections of all active terminals with the corresponding logins are terminated in order to apply trading group settings on the client terminal's side.

Set Leverage – set another leverage size specified in the "Leverage" field;

Enable – enable accounts;

Disable – disable accounts. This option applies only to newly connected accounts, but not to those having already been connected before. At this, the icons of the corresponding accounts become gray;

Delete – delete accounts. Remember that the accounts having open positions can not be deleted.

[Adding a New Account](#)

Online

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Online

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The "Online" tab contains the list of online users.

Login /	Name	Group	Balance	Equity	IP	▲
598660	Johm Smith	demoforex7	1 000 000.00	1 000 000.00	192.168.0.95	
598661	Johm Smith	demoforex	1 000 000.00	1 000 000.00	192.168.0.95	
598662	Johm Smith	demoforex	670 581.99	670 581.99	192.168.0.95	
598663	Johm Smith	demoforex	1 000 000.00	1 000 000.00	192.168.0.95	
598664	John Smith	demoforex	754 008.40	754 008.40	192.168.0.95	
598665	Johm Smith	demoforex1	1 000 000.00	1 000 000.00	192.168.0.95	
598666	Johm Smith	demoforex1	1 000 000.00	1 000 000.00	192.168.0.95	
598667	Johm Smith	demoforex	1 000 000.00	1 000 000.00	192.168.0.95	
598668	John Smith	demoforex1	748 987.62	748 987.62	192.168.0.95	
598669	John Smith	demoforex	5 000.00	5 000.00	192.168.0.95	
598670	Johm Smith	demoforex	5 000.00	5 000.00	192.168.0.95	
598671	Johm Smith	demoforex	5 000.00	5 000.00	192.168.0.95	
598672	John Smith	demoforex	0.00	0.00	192.168.0.95	▼

Online: 50 Accounts: 598672 | Orders: 33037 | Dealer | Reports | History Reports | Journal |

To make the process more convenient, all accounts are accumulated in a table having adjustable cells. By default, the following fields are shown:

Login – the account number;

Name – the account owner's name;

Group – the group in which the account is located;

Balance – the account balance;

Equity – the account equity;

Free margin – the account free margin;

IP – the account owner's IP address to be connected to;

Context menu allows to execute the following commands:

New Account – add a new account;

Account Details – open a window for account management;

Technical Details – receive the details of the account owner's connection;

Email – send a message to the client using the internal mailbox;

Journal – switch to the "Journal" tab to request logs for the selected account;

Group Operation – operation with a selected account group;

Find – find an account in the account list;

Copy – copy the selected accounts from the list in the clipboard;

Save – save a raw report about accounts;

Enable DNS Lookups – enable DNS search through IP address of the connection;

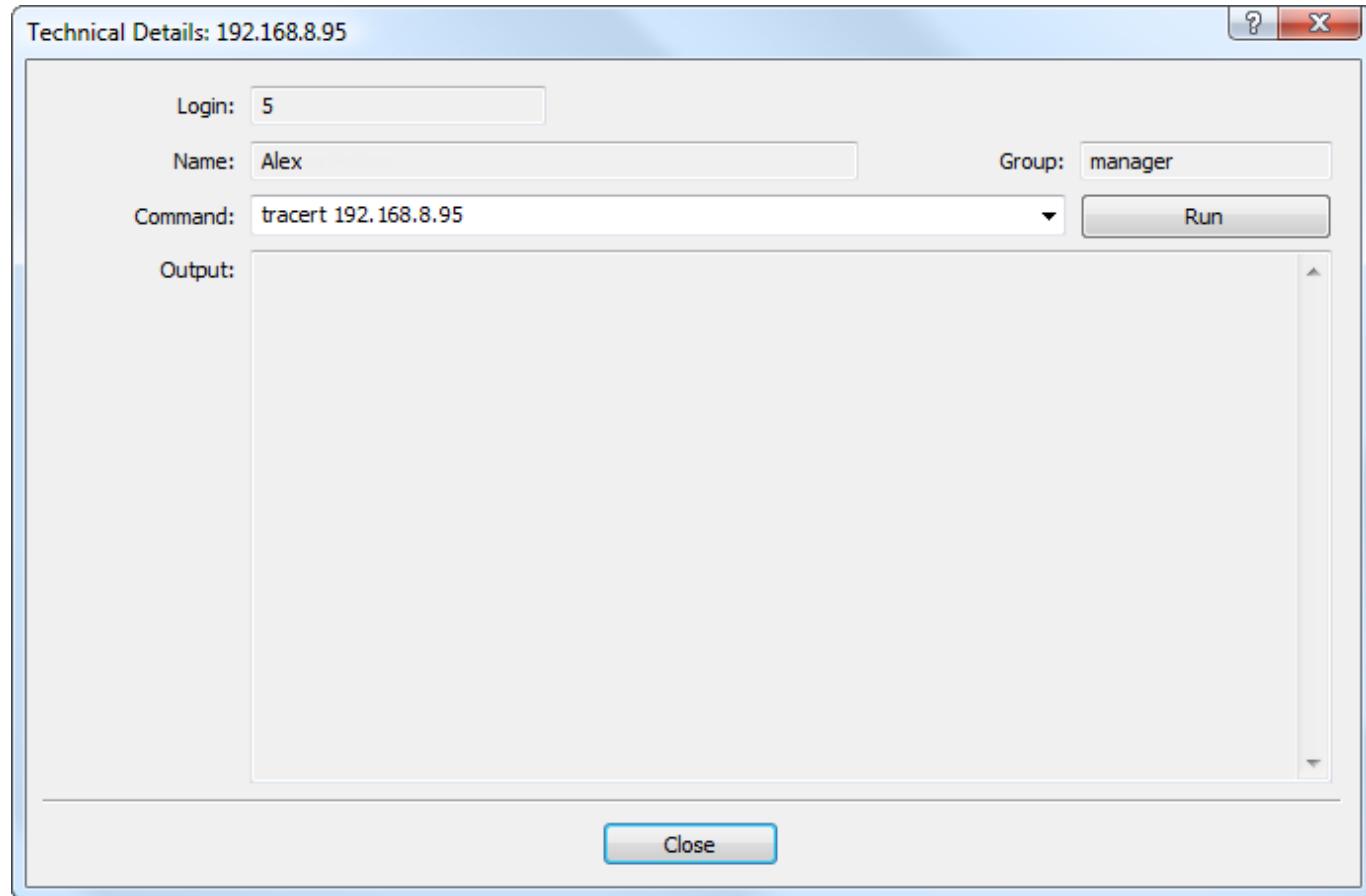
Auto Arrange – automatic arrangement of column sizes when window size is changed;

Grid – show/hide grid to separate columns;

Columns – select columns to be shown.

Technical Details

The Technical Details window allows to receive the details of connection of the account owner according to the IP address.



Standard commands ping, trace route (tracert) can be executed, whois services can be inquired, or other commands can be inputted or executed. Console output of commands to be executed will be redirected to the "Output" window.

Accounts

Orders

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Orders

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In the "Orders" section, the information about all trades of any account can be requested.

Deal	/	Login	Time	Type	Symbol	Vol...	Price	S / L	T / P	Price	Swap	Profit	▲
2943		1029	2012.05.11 16:09	buy	gbpchf...	4.90	1.49469	0.00000	0.00000	1.49936	130.07	2 362.05	
3725		1371	2012.05.11 16:09	buy	eurusd...	1.00	1.29366	0.00000	0.00000	1.23935	6.27	-5 431.00	
3979		1659	2012.05.11 16:09	sell	usdjpy...	117...	79.954	0.000	0.000	78.478	-2 013.16	220 427.64	
4002		1485	2012.05.11 16:09	buy	eurjpy.rq	9.70	103.449	0.000	0.000	97.241	275.50	-76 748.44	
4671		1740	2012.05.11 16:10	buy	cadchf...	34.60	0.93230	0.00000	0.00000	0.93950	48.34	25 714.55	
4720		1485	2012.05.11 16:10	buy	eurjpy.rq	9.70	103.430	0.000	0.000	97.241	275.50	-76 513.55	
4917		1992	2012.05.11 16:10	buy	euraud...	47.70	1.28749	0.00000	0.00000	1.27318	-1 496.19	-66 428.00	
5043		485	2012.05.11 16:11	sell	audus...	438...	1.00519	0.00000	0.00000	0.97360	-12 166.81	1 385 537...	
5057		444	2012.05.11 16:10	buy	eurchf...	65.90	1.20155	0.00000	0.00000	1.20081	749.76	-5 033.75	
5243		1740	2012.05.11 16:10	buy	cadchf...	34.60	0.93240	0.00000	0.00000	0.93950	48.34	25 357.41	
5361		377	2012.05.11 16:10	sell	nzdjpy...	40.10	62.695	0.000	0.000	59.213	-1 789.65	177 915.65	
5443		2175	2012.05.11 16:10	sell	audchf...	33.30	0.93300	0.00000	0.00000	0.94350	-1 016.97	-36 079.87	
5461		1992	2012.05.11 16:10	buy	euraud...	47.70	1.28718	0.00000	0.00000	1.27318	-1 496.19	-64 988.96	▼

Online: 1 | Accounts: 598672 | Orders: 32971 | Dealer | Reports | History Reports | Journal |

To make the process more convenient, all accounts are accumulated in a table having adjustable cells. The following fields are available:

Deal – order number;

Login – account number;

Time – time of position opening;

Type – type of operation (buy, sell, sell limit, buy limit, buy stop, sell stop);

Symbol – financial instrument;

Volume – volume of the position;

Price – open price of the position;

S/L – the level of Stop-Loss order set;

T/P – the level of Take-Profit order set;

Price – the current market price;

Commission – commission amount;

Taxes – taxes for commission;

Swap – swaps calculated;

Profit – profit made on the trade operation;

Expiration – the expiration time of the pending order;

Reason – a reason of placing the order:

Client – the order is placed manually by a client via the client terminal;

Expert – the order is placed by a client using an Expert Advisor;

Dealer – the order is placed by a dealer via the manager terminal;

Signal – the order is placed as a result of copying a [trade signal](#) according to a subscription in the client terminal;

Gateway – the order is placed via the MetaTrader 4 STP gateway.

Comment – the comment.

The context menu allows to execute the following commands:

Account Details – open the management window for the account orders;

Order Details – open the window of the deal;

Bulk Closing... – [bulk closing](#) of all positions by symbol;

Journal – switch to the "Journal" tab to request logs for selected order;

Find – find an account in the account list;

Copy – copy the selected accounts from the list in the clipboard;

Save – save the report about opened orders as not processed. Only the information that is currently displayed in the list of orders will be saved in the report. To change the report contents you should specify the columns to be displayed using the "Columns" command described below;

Auto Arrange – automatic arrangement of column sizes when the window sizes are changed;

Grid – show/hide grid to separate columns;

Columns – select columns to be shown.

Account Orders (Trades tab)

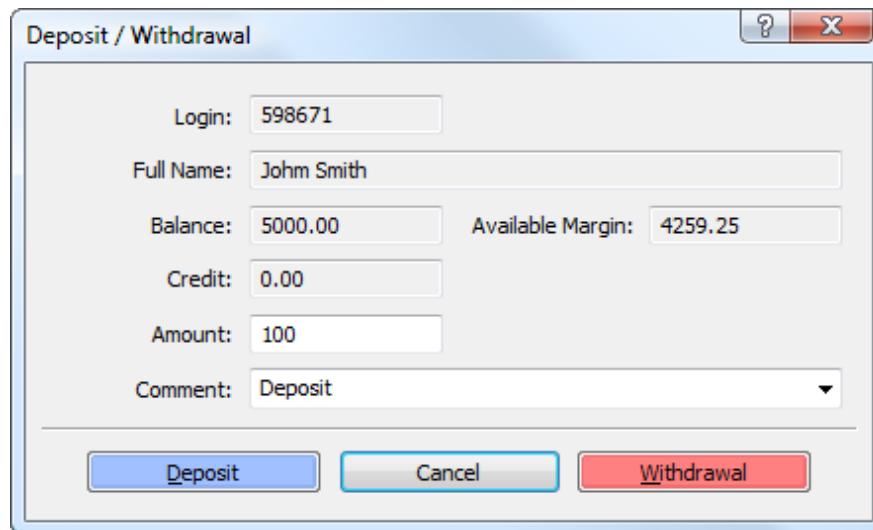
Deal /	Login	Time	Type	Symbol	Volu...	Price	S / L	T / P	Price	Swap	USD
<input checked="" type="checkbox"/> 35650647	598671	2012.05.30 12:08	balance							Deposit	5 000.00
<input type="radio"/>	Deposit: 5 000.00 Withdrawal: 0.00 Credit: 0.00									0.00	0.00
<input checked="" type="checkbox"/> 35650648	598671	2012.05.30 12:15	buy	eurusd	1.00	1.24368	0.00000	0.00000	1.23913	0.99	-455.00
<input checked="" type="checkbox"/>	Balance: 5 000.00 Credit: 0.00 Equity: 4 545.99 Margin: 248.74 Free: 4 297.25 / 1827.6%									0.99	-454.01

Buttons at the bottom: Deposit / Withdrawal, Credit Facility, Close All, History, Save As, Cancel, Help.

The "Trades" tab includes the client's order list.

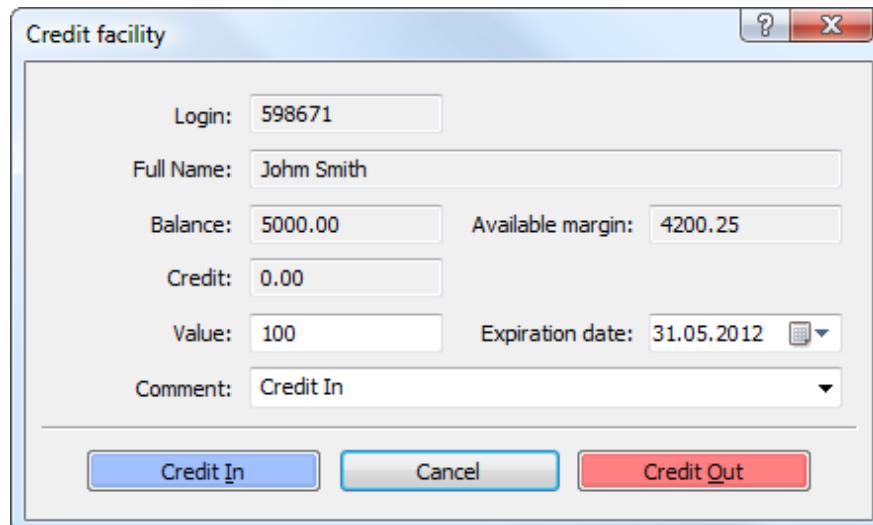
The following commands are available on the order tab:

Deposit/Withdrawal – deposit money to a client's account or withdraw money from the account. The following window will appear after you press this button:



Here you should specify the deposit/withdrawal value at the "Amount" field and the comment to the operation at the "Comment" field as well. After that you can perform the operation using the "Deposit" or "Withdrawal" buttons.

Credit Facility – give a credit or cancel a credit given earlier. The following window will appear after you press this button:



Here you should also specify the amount of money in the "Value" field and a comment to the operation in the "Comment" field. In addition to it you should specify the date of the credit expiration at the "Expiration date" field. Then you can perform the operation using the "Credit In" or "Credit Out" buttons.

The credit expiration date is saved in the "Close time" field of the corresponding balance operation.

Close All – [close all hedged positions](#) of the account for the same symbol;

History – request history of the client's transactions;

Save As – save the statement for the account transactions.

Context menu allows to execute the following commands:

Details – open order details window;

History – request trade history;

Save Report – save the statement for the account;

Save Detailed Report – save detailed statement for the account;

Close Time – show/hide close time column;

Commission – show/hide commission column;

Taxes – show/hide taxes column;

Expiration – show/hide expiration of pending order column;

Comment – show/hide comment column;

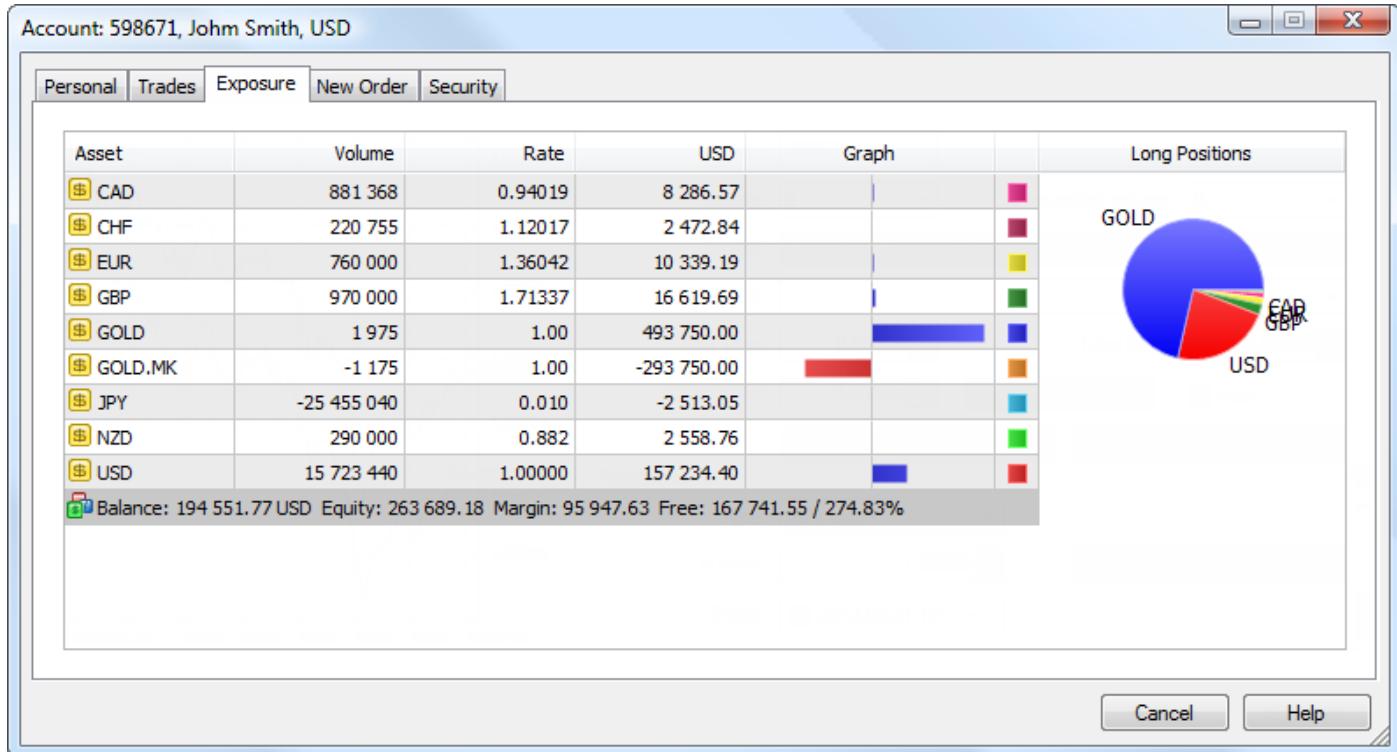
Auto Arrange – automatic arrangement of column sizes when the window sizes are changed;

Grid – show/hide grid to separate columns.

Double click on the order opens the window of order details.

Exposure (Exposure tab)

On this tab, a manager can view the current assets of a client combined by currencies.



The information is displayed in the form of a table that contains the following fields:

Asset – the name of a currency or symbol;

Volume – the volume of a client's position (in units) by the given position or symbol considering leverage;

Rate – the rate of currency or symbol to the deposit currency;

Deposit Currency – this column displays the amount of actually spent deposit currency (leverage is not considered) on buying/selling a currency or a symbol;

Graph – the graphical displaying of client's position in the deposit currency (long positions are displayed in blue stripes and short positions are displayed in red ones).

The assets of an account by the deposit currency are displayed considering free margin.

Diagram

There is a possibility of viewing the information by long and short positions in the form of a diagram. To switch between diagrams, one should press on their names or use the context menu.

Account State

The line of the current state of an account is displayed below the information about assets:

Balance – money on the account, not accounting for the results of currently open positions;

Equity – money accounting for the results of the currently open positions;

Margin – money required to cover open positions;

Free Margin – volume of free funds that can be used for covering open positions;

Margin Level – percent ratio of equity on the account and required margin.

Context Menu

The context menu of this tab allows executing the following commands:

Diagram – open the submenu of diagram managing:

Long Positions – show the circle diagram by long positions;

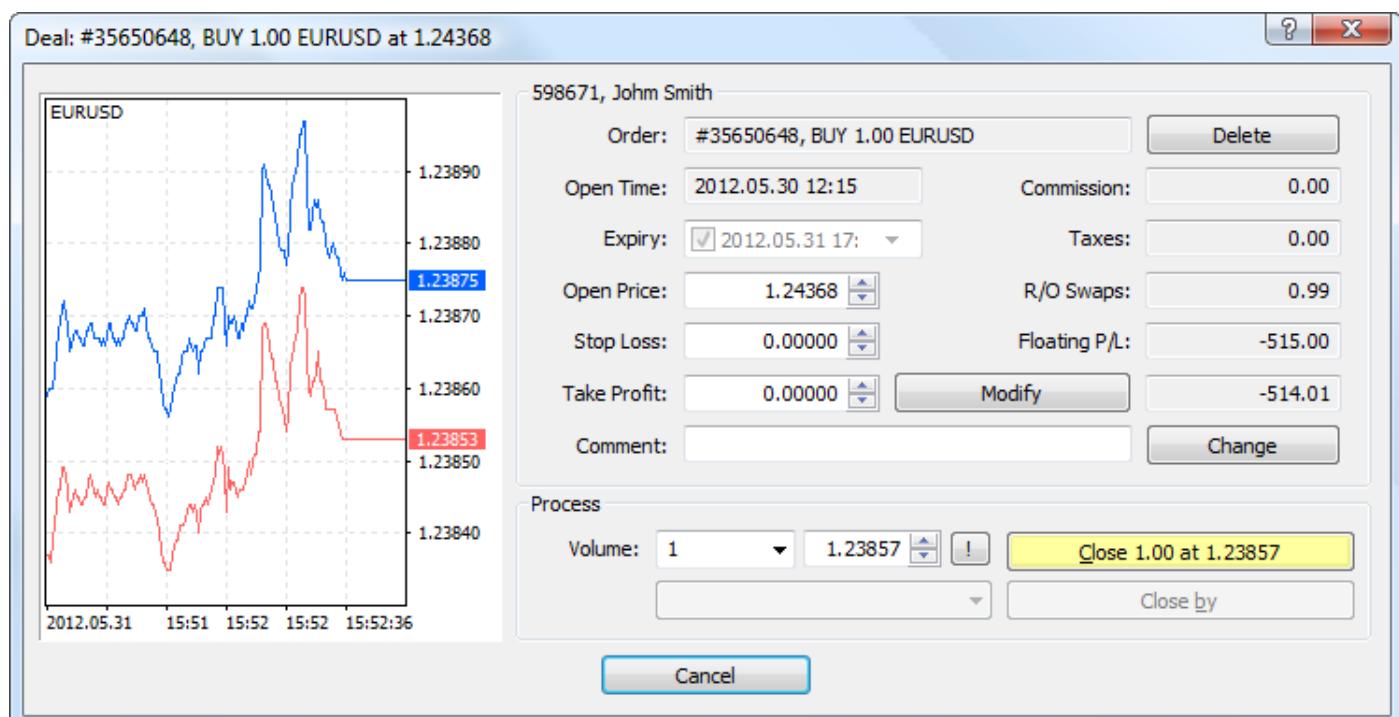
Short Positions – show the diagram by short positions;

Hide – hide the diagram;

Grid – show/hide grid to separate table fields;

Auto Arrange – enable/disable automatic resizing of columns in case window size is changed.

Transaction (Deal window)



The detailed information of the transaction is displayed in the Order window: order number (ticket), order type, symbol, volume, time of opening, opening price, the set levels of Stop Loss and Take Profit, commission, calculated swaps, current market price, floating profit/loss.

The following commands are available in the deal window:

Modify – modify Stop Loss, Take Profit, and the opening price of the order;

Change – change the order comment;

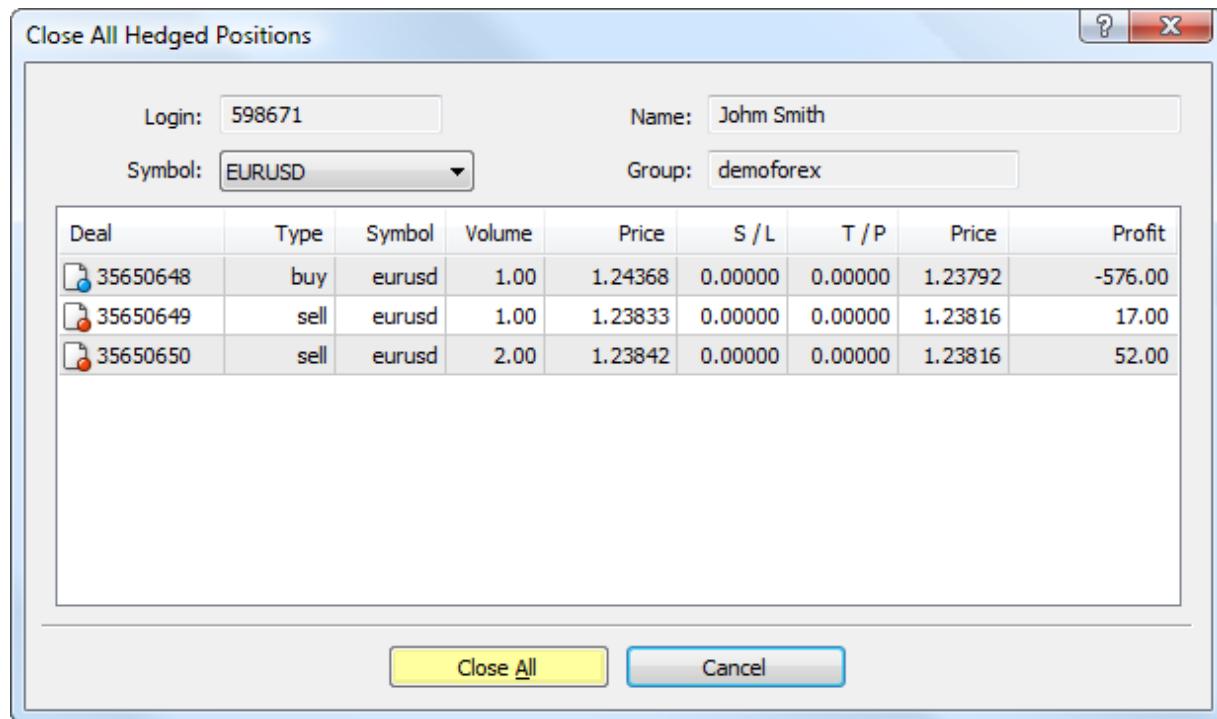
Delete – delete an order;

Close – close the opened order;

Activate – process a pending order;

Close by – in the presence of an opposite order, close the order by another order.

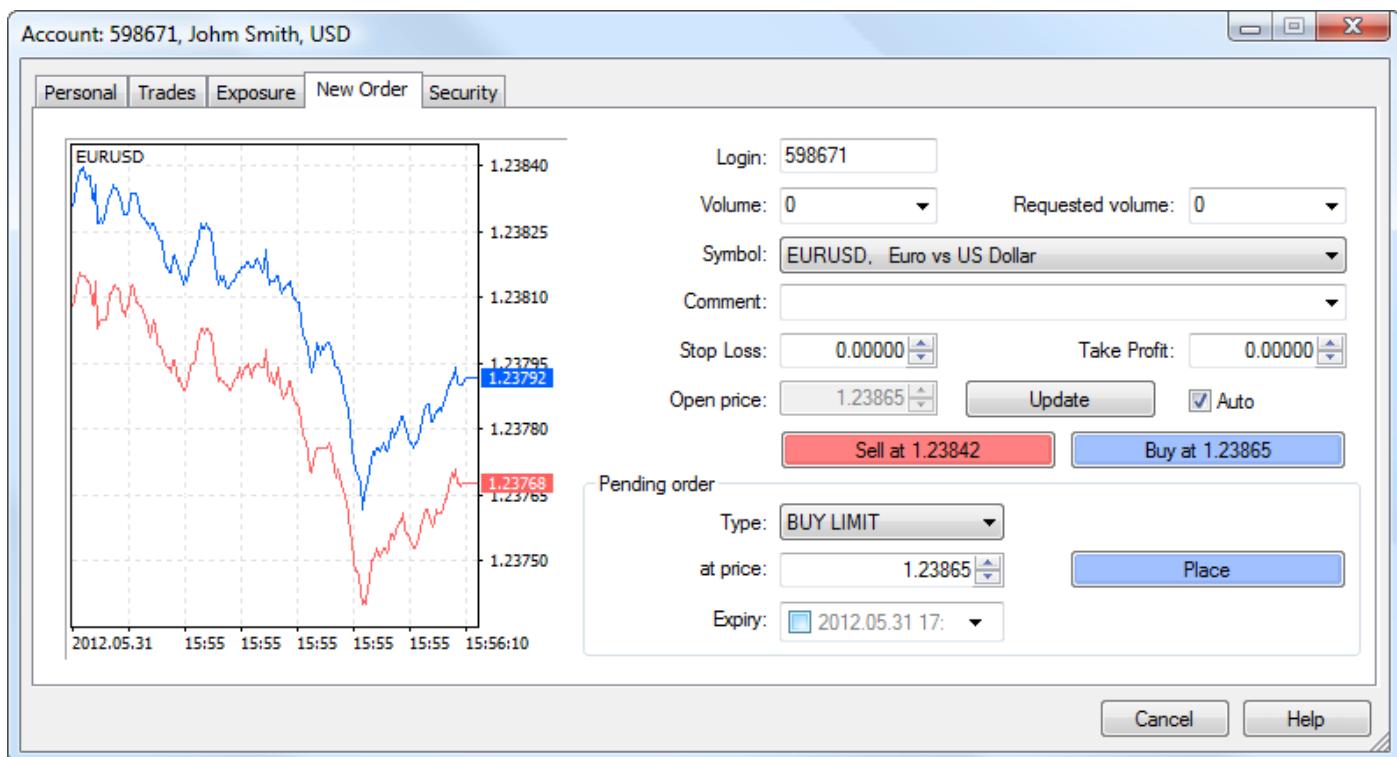
Closing all hedged positions (Close All Hedged Positions window)



Close All command allows to close all hedged positions of the account for the same symbol.

New Order (New Order tab)

New Order tab of the window of account management allows to place a new order.



When placing an order, it is necessary to indicate the volume, symbol, and the transaction opening price; if necessary, Stop Loss, Take Profit, and comments can be given. For a pending order, it is also necessary to indicate the type of the order, and the expiry date of the order, if required. To set out an order, it is necessary to execute the "Buy" command for buying, the "Sell" command for selling, or the "Place" command for placing a pending order. When trading by a telephone you can specify the whole amount of the requested lots (Requested volume) and then successively change the account's login when placing a new order.

Bulk closing (Close All Positions By Symbol window)

After expiration of the Futures Contract, all positions for the defined symbol must be closed. "Close All Positions" window that can be called by executing the "Bulk closing" command of the context menu of the orders list allows closing all positions for the selected symbol.

Close All Positions By Symbol

Deal	Login	Type	Symbol	Volume	Price	S / L	T / P	Price	Profit
32569919	557477	buy	audcad	742.10	0.99909	0.00000	0.00000	1.00194	205 029.81
33108829	571424	buy	audcad	2.1646K	0.99977	0.00000	0.00000	1.00194	455 351.84
33179642	572605	buy	audcad	2.8497K	0.99918	0.00000	0.00000	1.00194	762 461.54
33180139	572605	buy	audcad	2.8497K	0.99918	0.00000	0.00000	1.00194	762 461.54
33180572	570332	sell	audcad	3.2247K	0.99852	0.00000	0.00000	1.00250	-1 243 803.03
33182168	568881	buy	audcad	1.8376K	0.99893	0.00000	0.00000	1.00194	536 200.48
33212366	576521	buy	audcad	2.8777K	0.99947	0.00000	0.00000	1.00194	689 052.30
33213280	576521	buy	audcad	2.8777K	0.99938	0.00000	0.00000	1.00194	714 159.47
33213492	575661	buy	audcad	2.8586K	0.99935	0.00000	0.00000	1.00194	717 732.93
33214268	576521	buy	audcad	2.8777K	0.99935	0.00000	0.00000	1.00194	722 528.53

Close positions **Delete pending orders**

Comment:

Group filter:

Close **Cancel**

For all positions to be closed, one has to select a symbol and specify bid and ask at which positions will be closed. If pending orders for this symbol must be closed, as well, the 'Delete pending orders' option must be checked. If different groups of accounts have different spread and positions for accounts from different groups must be closed at different prices, one can filter positions by the accounts group having selected the group in the pop-up list. One can comment on the orders closing, if necessary. If you need only to delete the pending orders and not to close all positions, you should check the "Delete pending orders" box and uncheck the "Close positions" box.

[Online](#)[Sending Notifications](#)

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Sending Push Notifications

Translate: EN ▾



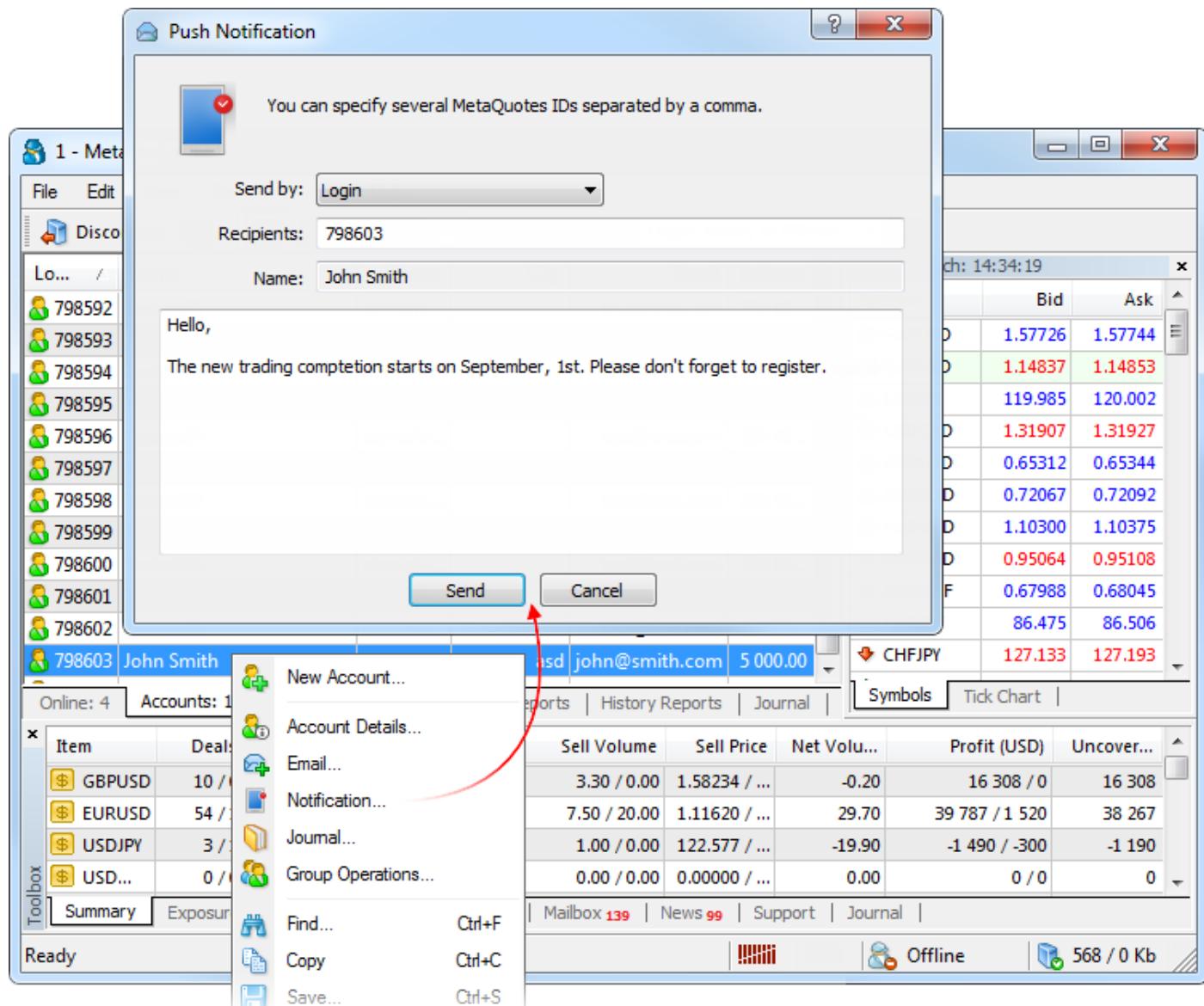
Push notifications are personal messages sent over the Internet. They do not depend on the phone number or mobile network operator. Messages are delivered instantly; no need to run any applications on the receiver's device.

Messages are sent based on MetaQuotes ID, which is a unique user identifier. To obtain the ID, a user needs to install MetaTrader 4 Mobile for [iPhone](#) или [Android](#).

How to Send Push Notifications

The "Push Notifications" permission should be enabled for a manager via MetaTrader 4 Administrator.

To send a notification, select "Notification" in the context menu of an account in the list. A similar command is available in the account edit dialog. Type the comma separated list of logins or MetaQuotes IDs and the message text. Ranges of logins can also be specified, e.g. 1000-2000.



MetaQuotes ID must be specified in the settings of appropriate accounts in order to send messages by specifying logins.

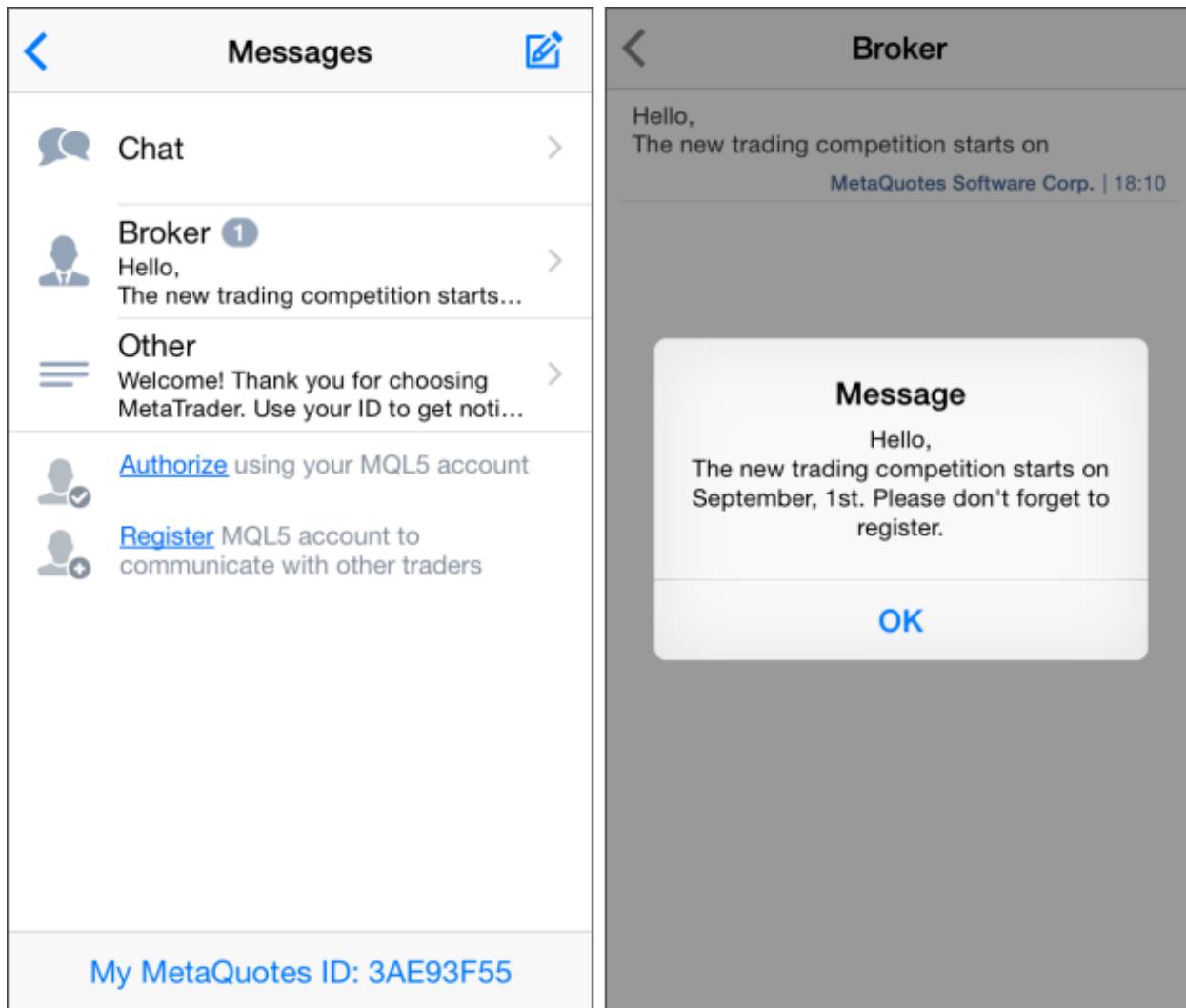
The maximum message length is 255 characters.

The send mode affects the automatic signature in push notifications:

If you send messages specifying logins, the signature will contain the name of the Owner company from the settings of the group, to which the accounts belong. Use this type for White Labels to add the correct company name in the signature.

If MetaQuotes IDs are used, the company name from the Server License will be specified in the signature.

Clients will immediately receive the sent notifications on their mobile devices. Push notifications received from a broker appear in the special category of the Messages section in the mobile trading platform:



Orders

Mail, News and Support

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Internal Mail and News

Translate: EN 

This section describes the following functions of the manager terminal:

[Mailbox](#)

[News](#)

[Support](#)

[Sending Notifications](#)

[Mailbox](#)

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Mailbox

Translate: EN ▾



Online trading system MetaTrader 4 includes internal mailbox allowing clients and managers to exchange messages. The "Mailbox" tab of the "Toolbox" window contains the list of income messages.

Time	From	Subject
2012.06.01 14:24	John Smith	Registration
2012.06.01 14:23	John Smith	Deposit
2012.06.01 14:20	John Smith	Orders

Toolbox Summary | Exposure | Coverage | Dealing | Alerts | **Mailbox** | News | Journal | Support |

The received messages are saved in the subdirectory of /mailbox directory in which the manager terminal is installed. When a new message incomes the event set for the mail receiving will sound, and a record about the income message will be done in the terminal journal.

The following commands are available in the context menu:

Create – write and send a new message in internal mailbox;

View – open a message to view it;

Delete – delete the message from the list and from HDD;

Auto Arrange – automatic arrangement of column sizes when the window size is changed;

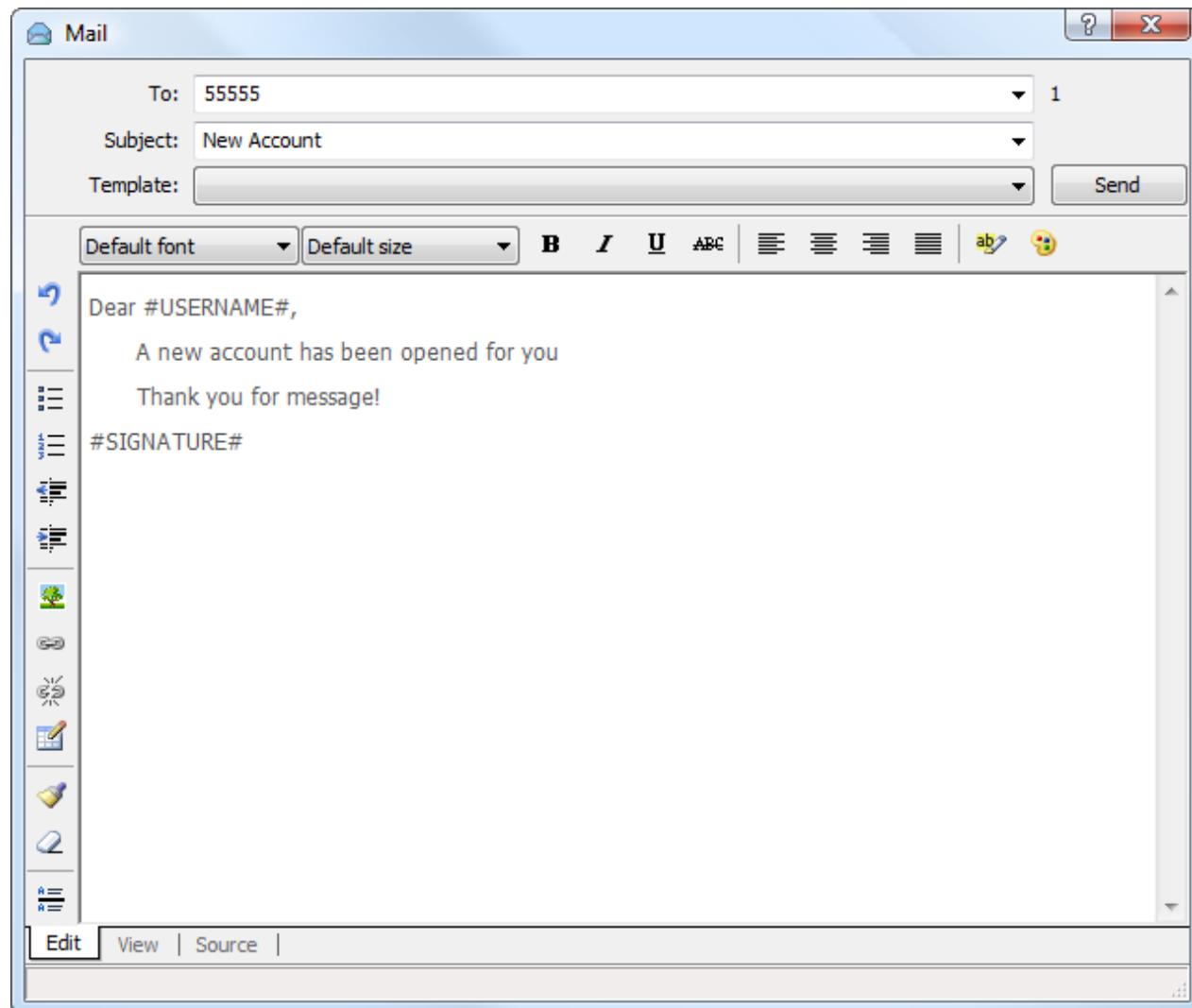
Grid – show/hide the grid to separate columns.

Feature: click onto field From in the message window and you can quickly call the window of the sender account details.

The command of email creation is active only if the mailbox name is specified in the manager account settings, and if the manager is permitted to send emails. Appropriate account settings can be made by the platform administrator.

New Message (Mail window)

The "Mail" window allows to write and send a new message in internal mailbox. Mail-templates are located in "templates\mails" subfolder as plain text files or html files. If storage of personal details is allowed in the [server settings](#), the messages sent are stored in a subdirectory "mailbox\sent" of the directory where the Manager terminal is installed. To create other messages, one can use the previously messages as templates.



The message recipients can be a list of accounts separated by semicolons, accounts ranges separated by hyphens, lists of groups, countries, or cities. The minimal and/or the maximal build of the terminal can be specified as the message target, too. A message will be sent to users that connect to the server using the terminal of the specified build:

Prefix	Description
	list or range of accounts, for example: "2;4;6;8;10-20;55"
group:	list of groups, for example: "group: contest,demo*"
country:	list of countries, for example: "country: Russia,USA"
city:	list of cities, for example: "city: Moscow,Kiev"
build_min:	the minimal terminal build, for example: "build_min: 200"
build_max:	the maximal terminal build, for example: "build_max: 201"

For example, if the line of "2;4-6;country: USA;city: Moscow;build_min: 200" is given as message recipients, the message will be sent to accounts '2', '4', '5', '6', to accounts from the USA, and to accounts from Moscow if they all connect to the server through the terminal, the build number of which is equal to or larger than 200.

When setting up the messages to be sent, it is possible to use a set of macros - key words that will be replaced with the user's record data at composing of the message:

Macro	Description
#ACCOUNT#	account number

Macro	Description
#LOGIN#	Account login
#USERNAME#	User name
#BALANCE#	Account balance
#CREDIT#	Account credit
#EQUITY#	Account equity
#MARGIN#	Margin requirements
#MARGIN_LEVEL#	Margin level
#MARGIN_SHORT#	Margin shortage
#MARGIN_CALL_LEVEL#	Margin call level for the user group to which the recipient belongs (MT Administrator->Groups->Margins->Margin Call level)
#SIGNATURE#	Company signature from settings of the user group to which the recipient belongs (MT Administrator->Groups->Reports->Signature)

The "Send" command will send the message to recipients.

[Mail, News and Support](#)

[News](#)

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News

Translate: EN ▾



The "News" tab of the "Toolbox" window allows to look through the published news, as well as to add recent news in both text format and HTML format.

Time	Subject	Category
2012.06.01 16:06:22	MetaTrader 4 for iPhone Has Been Released	Internal News
2012.06.01 16:04:59	MetaTrader 4 Build 432 Released	Internal News
2012.06.01 16:04:40	MetaTrader 4 Build 427 Released	Internal News

Toolbox Summary | Exposure | Coverage | Dealing | Alerts | Mailbox | **News** | Journal | Support |

View — open a news to look it through; at this the body of the news is requested from the server;

Send — add a news to the news flow;

Auto Arrange — automatic arrangement of column sizes when the window sizes are changed;

Grid — show/hide grid to separate columns.

Adding a News (News window)

News

Category: Internal News High priority

Subject: MetaTrader 4 Build 432 Has Been Released

Language: Any language

Template:

Default font Default size **B** *I* U ABC

Send

Your News Title
This is default template. Replace this text with news message content.

Edit View | Source |

The "News" window allows to add a news to the news flow. It is necessary to input the news category, its topic, and its body in either text format or HTML format. If necessary, it can be indicated that the news has a high priority.

Unread news having a high priority are fixed in the top of the news list in the "News" tab of the "Toolbox" window of client terminal. News-templates are located in "templates\news" subfolder as plain text files or html files.

In the "Language" field, you can choose the language to be assigned to the news. This allows organizing direct mailing taking into account the appropriate settings. The languages of received news are set up for the groups of accounts via the administrator terminal. If "Any language" is set, the news will correspond to all languages. This news will be received by all clients regardless of their language settings.

The "Send" command sends the news to the news flow.

[Mailbox](#)[Support](#)

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Support

Translate: EN ▾



The Support tab of the Toolbox window is intended to help users of the MetaTrader 4 platform. It contains useful information, links, and it allows contacting [MetaQuotes Ltd.](#) in case you need help.

The tab contains four sections. To switch between them, use the upper pane.

[Service Desk](#)

[Online Assistant](#)

[MetaQuotes Support Center](#)

[TeamViewer](#)

Service Desk

Service Desk is a bug tracking system based on the [TeamWox](#) groupware. It allows contacting [MetaQuotes Ltd.](#) to report about an error in the operation of the platform components occur, as well as to express your suggestions on the platform improvement.

Communication with the developer company is performed via requests that are processed by the technical support service and directly by the platform developers.

Communication with developers is totally confidential and is performed over an encrypted channel.

 Service Desk Online Assistant MetaQuotes Support Center TeamViewer			
10343	Cannot connect to new trade server		14:53 Сего́дня
10244	Question		14:35 Сего́дня
10288	Error		14:06 Сего́дня
1	2		

List of Requests

All the previously created requests are displayed as a table where their numbers, subjects and creation dates are specified. The requests can be filtered by their current status: open () – the requests that are currently being processed, closed () – the ones that are already processed. To do so, one should press the "Filter" button at the top part of the tab and choose one of the variants: "Open", "Closed" or "All".

Creating Request

To create a new request, one should press the "New request" button located in the top part of the tab. After that the following window will be opened:

Service Desk Online Assistant MetaQuotes Support Center TeamViewer Назад

Тема:

Прикрепить файлы Добавить Отмена

Here you should fill in the subject field with a short gist of your application.

The box for writing a description for the request is located below; there you should describe the request in more details. Using the [Attach files](#) button, one can attach any files to the request.

To send a request, click the "Add" button. If you press the "To list" or "Cancel" button, you will go back to the viewing of the list of previously created requests.

View Request and Writing Comments

To go to the viewing of a request, one should click with the left mouse button on its name in the list.

Service Desk Online Assistant MetaQuotes Support Center TeamViewer Назад

Cannot connect to new trade server

15:13 | Сегодня #10343 Закрыть Новый комментарий

I installed secondary trade server and added it in the "Network" section, but I can't connect to it.

✉ Alex Stone | 15:12 | Сегодня
Please attach a screenshot with the settings of the server from the Network section.

✉ First Admin | 15:13 | Сегодня
Here you are

Прикрепленные файлы:
1. [Screenshot.png](#) (625 байт)

In the viewing window the names of employees of the developer company are displayed with the red color, and the name of manager is displayed with the blue one. The following commands are available here:

Close – move the request to the closed category as soon as its processing is finished;

New Comment – write a new message in the request. A field for typing a text will appear in the bottom part of the window as soon as this button is pressed.

Online Assistant

Online Assistant – is a integrated chat that is also based on the corresponding public component of the [TeamWox](#) collaboration system. Using the Online Assistant you can contact the technical support service.

Ведите свои контактные данные

Имя: John Smith

Электронная почта: john@smith.com

Телефон:

Начать

Режим работы: 9:30 - 18:30 (по московскому времени) в будние дни

Specify your name, e-mail and a phone number, then click "Enter".

Service Desk Online Assistant ★★★★★ | 00:02:49 | **Завершить**

Our company representative will be with you in a moment.

16:38 Support Team в чате.

Support Team | 16:38
How can I help you?

Hello, I have a question

Отправить **Копировать в буфер обмена**

The upper part of the chat displays messages written by the technical support team. The lower part is intended for writing your messages. At the end of a dialog you can rate the quality of technical support. To do it, click on one of the stars located in the upper part of the tab.

To end a dialog, click "Complete" in the upper part of the tab.

MetaQuotes Support Center

To help the clients of MetaQuotes Software Corp., a specialized technical support site - [MetaQuotes Software Support Center](#) has been created. There you can download and purchase the products of the developer company and find plenty of useful information on managing them:

The latest news about releases of new versions of the platform components: servers, terminals, gateways, data sources, API;

Answers to Frequently Asked Questions (FAQ);

Plenty of useful articles thoroughly describing the features of working with the platform;

Actual on-line documentation;

The forum where you can communicate with other users and ask your questions to developers.

If you do not have an account on the web site, contact technical support team via Service Desk or Online Assistant.

TeamViewer

For remote service you are offered the widely known [TeamViewer](#) system. It will allow the technical support team to quickly establish a remote connection to your server and solve your problems in a timely manner.

TeamViewer is a software package for PC remote control and file exchange. Besides, TeamViewer helps you with your presentations, PC settings, chat communication etc. Privacy and safety are provided by built-in protection against unauthorized access. The software has been tested and [certified](#) by well-known international organizations.

You can find more detailed information in the article "[Technical Support with TeamViewer](#)" published on MetaQuotes Software Corp. technical support web site.

News

[Request Processing](#)

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Request Processing

Translate: EN 

This section describes dealing features of the manager terminal:

[Dealer](#)

[Automation](#)

[Queue, Dealing, Margin Calls Windows](#)

Support

Dealer

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Dealer

Translate: EN ▾



The window of request processing ("Dealer" tab) allows to process trading requests of the clients.

The dealer can be connected by a toolbar command or through dealer's context menu Connect. The dealer can be disconnected by Disconnect command. If the [Automatic dealer connecting](#) option is enabled the dealer will automatically be connected when manager terminal connects to the server.

The screenshot shows the "Dealer" tab in the MetaTrader 4 Manager. At the top, there is a header with the client's account number (598673), login (demoforex), and name (John Smith). To the right of the header is a red quotation field displaying "0.96993 / 0.97028". Below the header are three buttons: "Return" (yellow), "Send / Confirm" (green), and "Reject" (red). To the right of the quotation field, there is a message: "CLOSE #35650659 BUY 0.10 USDCHF at 0.96993". Below the header is a table titled "Deal" listing several recent trades. The table has columns for Deal, Login, Time, Type, Symbol, Vol..., Price, S/L, T/P, Price, Swap, and USD. The last row of the table is collapsed. Below the table is another table with columns Deal, Login, Time, Type, Symbol, V..., Price, S/L, T/P, Price, Swap, and Profit. This table also lists several trades. At the bottom of the window, there is a footer with links: Online: 2 | Accounts: 598674 | Orders: 31401 | Dealer (highlighted in blue) | Reports | History Reports | Journal |

The quotation window is located on the top part of the request processing window. The quotation window contains the field of detailed information about the income request, the quotation field, and the button of reply to the request. Information about a client from whom a request has come is located to the left of the quotation field.

Information about a client is displayed in the color specified in the [account details](#). The color representation can be used, for example, for marking "suspicious" clients.

Information about an incoming request is displayed to the right of the quotation field. Window of account management will open when the field of detailed information about the request is clicked. The current market prices are substituted in the quotation field when this field is klicked on. Arrow buttons shift the prices in the quotation field to be returned to the client when replying to the request.

The dealer can reply to the request with three commands:

Return returns the request to the request queue, i.e. allows the request to go through; at this, another connected dealer may take the request from the queue;

Send / Confirm replies to the client's request with a confirmation; at this, if prices have been shifted in the Instant execution mode the client will receive "Requote";

Reject replies with a rejection to the client's request.

The processed clients' requests are displayed in the request log [Dealing](#).

When confirming the request, there is a possibility to automatically execute queued requests of the same type, with the same operation, for the same symbol, on a smaller or equal volume, at the equal or worse prices. To do so, it is necessary to enable **Multiple Execution** mode in the dealer's toolbar or in the context menu of the dealer's window. The more detailed information about the automatical requests execution is published at the [Support Center](#), the [Multiple Requests Processing in MetaTrader 4](#) article.

When quotations are shifted as a reply to the client's request, there is a possibility to push new quotations into the quotation flow from data feeders. To do so, it is necessary to enable **Throw in Prices** mode in the dealer's toolbar or in the context menu of the dealer's window.

Order Lists

Three order lists are located below the quotation window.

The upper list includes all open orders of the account by which the request has come.

The lower list includes open orders having exceeded Stop Loss or Take Profit levels, pending orders for activation, as well as the most detrimental clients' orders being in the stop-out state according to their margin requirements (orders having started). According to the type of the order having started, the fields of "S / L" or "T / P" are highlighted in red for orders having stops activated, "Price" - for pending orders, or "Profit" - for orders by Stop Out. If the price rolls back from the level at which the order could be activated, the data of the field are highlighted in yellow. At this, the possibility remains to execute the order at the price of activation or to delete the order from the list manually with the help of the **Remove** context menu command.

The list of orders started is sorted by their proximity to the market. Automation mode being enabled, the started orders will be executed automatically. If the automation is disabled the started orders must be executed manually, the order window being opened by double clicking the left mouse button.

The last list includes 256 orders most proximate to the market, this list can be hidden or shown with **Show All Orders** context menu command. Take Profit and Stop Loss fields of positions as well as Price field of pending orders are highlighted with different colors depending on the distance to the current market price:

A triggered level is highlighted in red.

If the distance to the current price is 50 points or less, the level is highlighted in pink.

If the distance to the current price is 100 points or less, the level is highlighted in yellow.

The specified highlight distance is used for symbols with five- and three-digit quotes. For symbols with four- and two-digit quotes the highlight distance is ten times less.

If the spread of a symbol is greater than 20 (or 200 for three- and five-digit quotes), the distance to the current market price is calculated in ticks instead of points. Tick size is calculated as spread/10.

Automation

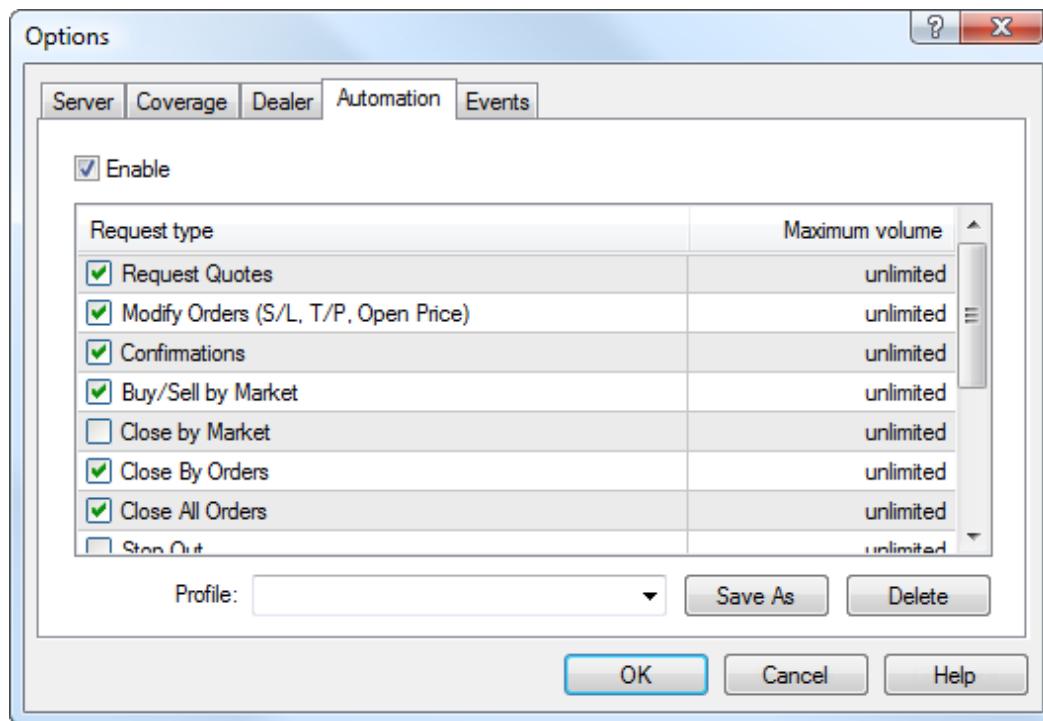
Translate: EN ▾



MetaTrader Manager 4 allows a connected dealer to confirm trade operations of certain types automatically. To get a permission for automatic confirmation of requests, it is necessary to enable "Automation" mode on the dealer's toolbar or in the context menu of the dealer's à window.

The request types to be processed automatically are set up using "Automation" tab of the "Options" window ("Tools -> Options..." menu). It is possible to indicate a trade operation volume to be processed automatically for each request type. When receiving a request having a volume above the maximum volume, the dealer will have to answer this request manually.

Attention! A request with the volume above the specified value will not be processed until a dealer answers it manually.



Enable – enable automatic confirmation of requests;

Profile – automatic confirmation settings profile;

Save As – save automatic confirmation settings as profile;

Delete – delete selected automatic confirmation settings profile.

It is possible to enable automatic execution and setting maximum lot volume for the following request types:

Request Quotes – request prices;

Modify Orders (S/L, T/P, Open Price) – modify orders (Stop Loss, Take Profit, open price for a pending order);

Confirmations – confirmation of operations in the request mode and in the instant execution mode;

Buy/Sell Market – buy or sell at market;

Close Market – close at market;

Close By Orders — "Close by" orders;

Close All Orders — "Close by Symbol" orders;

Stop Out — Stop Out orders;

Place Pending Orders — place pending orders;

Delete Pending Orders — delete pending orders;

Activate Pending Order — activate pending orders;

Activate Stop Loss — activate Stop-Loss orders;

Activate Take Profit — activate Take-Profit orders.

Dealer

Queue, Dealing, Margin Calls Windows

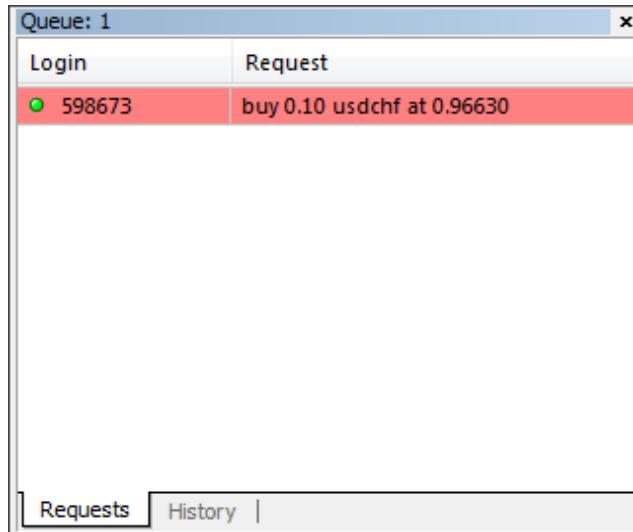
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Queue, Dealing, Margin Calls Windows

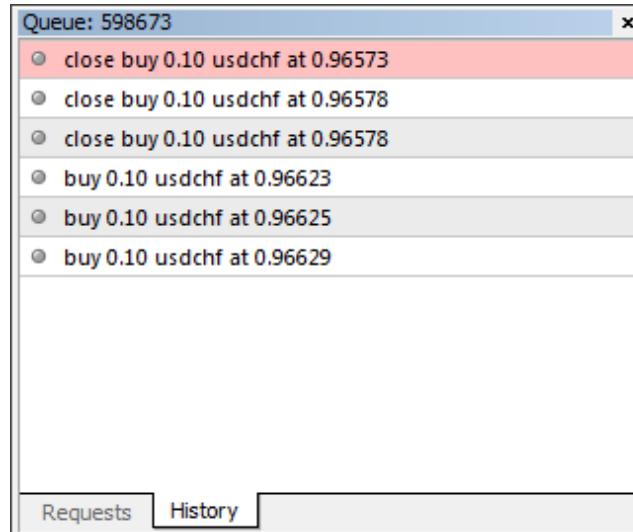
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The "Queue" window is intended for displaying the client's list of requests belonging to groups for manual request execution. It can be called by pressing the button in the "View" menu or on the "Standard" toolbar.



Requests of all clients queueing for being processed are displayed in the "Requests" tab. The current request being processed by the dealer is highlighted in red. In the "History" tab, the request history of the client is displayed whose request is under processing by the current dealer. This list allows to follow the client's trading activity. The rejected requests of the client are highlighted in pink.



It is possible to switch to the "History" tab automatically as soon as a new client's request incomes. To do so, it is necessary to enable "Track Requests" mode in the context menu of general queue of requests. The "Details" command of the context menu opens the account management window.

Dealing Tab

The "Dealing" tab of the "Toolbox" window displays the journal of the dealer's answers to the client requests. This journal is stored on the disk in "operations.log" file in the "logs" subdirectory of the manager terminal.

Time	Dealer	Login	Request Time	Request	Answer
2012.06.04 12:20:27	5	598673	2012.06.04 12:19:53	buy 0.10 USDCHF at 0.96630	Rejected
2012.06.04 12:19:31	5	598673	2012.06.04 12:19:28	buy 0.10 USDCHF at 0.96629	OK
2012.06.04 12:19:26	5	598673	2012.06.04 12:19:25	buy 0.10 USDCHF at 0.96625	Requote (0.96593 / 0.96...
2012.06.04 12:19:23	5	598673	2012.06.04 12:19:20	buy 0.10 USDCHF at 0.96623	Requote (0.96587 / 0.96...
2012.06.04 12:18:48	5	598673	2012.06.04 12:18:43	close #35650656 buy 0.10 US...	OK
2012.06.04 12:18:39	5	598673	2012.06.04 12:18:38	close #35650653 buy 0.10 US...	OK

Summary | Exposure | Coverage | Dealing | Alerts | Mailbox | News | Journal | Support |

The "Details" command of the context menu opens the window of account management. The "Copy" command of the context menu copies the selected lines of the journal to the clipboard.

Margin Calls Window

The "Margin Calls" window allows to track clients having not enough money on their accounts to meet margin requirements. This window displays the clients' account list, free margin level (pawn requirements) of which is equal to or less than Margin-Call level. To call this window you should press the  button in the "View" menu or on the "Standard" toolbar.

Login	Level
553897	32.2%
513373	32.9%
573566	33.0%
575253	35.4%
553948	36.8%
589464	37.3%
525350	38.2%
554820	38.8%
579681	40.1%
554111	40.4%
547360	40.9%
557773	41.7%
516184	42.0%
529365	42.9%

Clients having the free margin level less than that of Stop Out are highlighted in pink. For such clients, the most unprofitable open order is automatically searched for to be listed among triggered orders of the [Dealer Window](#). The profit field of such an order is highlighted in red. When Stop-Out [automation](#) is enabled, the most unprofitable order will be closed automatically.

The "Details" command of the context menu opens the account management window. The "Email" command of the context menu allows to send a message (warning or requirement to add deposit on account) to the client via internal mailbox.

[Automation](#)

[Reports and Journal](#)

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Reports and Journal

Translate: EN 

This section describes how to work with the journal and the reports on trade activity of clients:

[Reports](#)

[History Reports](#)

[Groups of Accounts](#)

[Journal](#)

[Queue, Dealing, Margin Calls Windows](#)

[Reports](#)

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Reports

Translate: EN ▾



The "Reports" section allows to create different reports on closed orders. Report generators are delivered as separate dll-files what allows to add new reports and to adjust the existing ones quickly and effectively. The information about the creation of reports is published at the [Support Center](#) website, in the "[MetaTrader Manager Report API](#)" article.

Deal	Login	Open Time	Type	Symbol	Volume	Close Time	Price	Price	Swap	Profit
▲ 35650645	598669	2012.05.30 12:03	balance							5 000.00
▲ 35650646	598670	2012.05.30 12:08	balance							5 000.00
▲ 35650647	598671	2012.05.30 12:08	balance							5 000.00
▲ 35650651	598673	2012.06.01 16:13	balance							5 000.00
📄 35650652	598673	2012.06.01 16:15	buy	usdchf	0.10	2012.06.01 16:45	0.96784	0.96996	0.00	21.86
📄 35650653	598673	2012.06.01 16:20	buy	usdchf	0.10	2012.06.04 12:18	0.96872	0.96578	-0.01	-30.44
📄 35650654	598673	2012.06.01 16:37	buy	eurusd	0.10	2012.06.04 12:19	1.23788	1.24303	0.03	51.50
📄 35650656	598673	2012.06.01 16:43	buy	usdchf	0.10	2012.06.04 12:18	0.97050	0.96578	-0.01	-48.87
📄 35650659	598673	2012.06.01 16:44	buy	usdchf	0.10	2012.06.01 16:47	0.97048	0.96993	0.00	-5.67
📄 35650661	598673	2012.06.01 16:45	buy	eurusd	0.10	2012.06.04 12:18	1.23797	1.24303	0.03	50.60

Profit: 38.98 , Swap: 0.04 , Commission: 0.00 , Deposit: 20 000.00 , Withdrawal: 0.00 , Credit: 0.00

2012.05.28 2012.06.04

 Online: 2 | Accounts: 598674 | Orders: 31328 | Dealer | **Reports: 10** | History Reports | Journal |

Reports are generated on basis of closed orders requested from the server for a group of clients' accounts. The created groups of accounts are displayed in a popup list at the bottom of the report window. The "Add" button is intended for creation of a new group of accounts, the "Edit" button allows to edit the existing group of accounts, the "Delete" button allows to delete the existing group of accounts. When a group of accounts is created or edited, the [groups of accounts](#) window of edition opens.

To request the closed orders for an account group, it is necessary to select a group from a popup list, to give a period for which the orders will be requested, and to press the "Request" button (or execute the "Request" command of the context menu).

A raw report can be generated for a group of accounts for the closed orders within the period using the "Save Raw Report" command of context menu, or select one of the reports of the "Additional Reports" submenu of the context menu:

Closed Trades Report;

Commissions Report;

Detailed Commissions Report;

Credit Facility Report;

Deposit-Withdrawal Report;

Summary Report;

Withholding Tax Statement;

Phone Report;

Segregated Report;

Agent Report;**Margin Call Report.**

The context menu allows to execute the following commands:

Request – request orders from the server;

Account Details – open the window for managing client's orders;

Find – find an order in the order list;

Copy – copy the selected orders from the list in the clipboard;

Save Raw Reports – save the raw report;

Commission Reports – choose the commission report;

Additional Reports – choose a report;

Auto Arrange – automatic arrangement of column sizes when changing the window size;

Grid – show/hide grid to separate columns;

Columns – select columns to be shown.

[Reports and Journal](#)

[History Reports](#)

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History Reports

"History Reports" section allows to create various reports on the daily reports created by the server. Report generators are delivered as separate dll-files what allows to add new reports and to set the existing ones quickly and effectively. The information about the creation of reports is published at the [Support Center](#) website, in the "[MetaTrader Manager Report API](#)" article.

Time /	Login	Deposit	Closed P/L	Balance	Credit	Floating P/L	Equity
2012.05.31	598672	0.00	0.00	0.00	0.00	0.00	0.00
2012.06.01	598669	0.00	0.00	5 000.00	0.00	0.00	5 000.00
2012.06.01	598670	0.00	0.00	5 000.00	0.00	0.00	5 000.00
2012.06.01	598671	0.00	0.00	5 000.00	0.00	-1 622.80	3 377.20
2012.06.01	598672	0.00	0.00	0.00	0.00	0.00	0.00
2012.06.01	598673	5 000.00	16.19	5 016.19	0.00	32.68	5 048.87
2012.06.02	598669	0.00	0.00	5 000.00	0.00	0.00	5 000.00
2012.06.02	598670	0.00	0.00	5 000.00	0.00	0.00	5 000.00
2012.06.02	598671	0.00	0.00	5 000.00	0.00	-1 625.59	3 374.41
2012.06.02	598672	0.00	0.00	0.00	0.00	0.00	0.00
2012.06.02	598673	0.00	0.00	5 016.19	0.00	32.72	5 048.91
2012.06.03	598669	0.00	0.00	5 000.00	0.00	0.00	5 000.00
2012.06.03	598670	0.00	0.00	5 000.00	0.00	0.00	5 000.00
2012.06.03	598671	0.00	0.00	5 000.00	0.00	-1 625.59	3 374.41
2012.06.03	598672	0.00	0.00	0.00	0.00	0.00	0.00
2012.06.03	598673	0.00	0.00	5 016.19	0.00	32.72	5 048.91

User Group 2	▼	Add	Edit	Delete	2012.05.28	▼	2012.06.04	▼	Request
Online: 2	Accounts: 598674	Orders: 31328	Dealer	Reports: 10	History Reports: 23	Journal			

History reports are generated on the base of daily reports requested from the server for a group of client accounts. The account groups created are displayed in a popup list at the bottom of the report window. The "Add" button is intended for creating a new account group, the "Edit" button edits the existing account group, the "Delete" button deletes the existing account group. When a group of accounts is created and edited, the [editing window of an account group](#) will open.

To make a request of daily reports for a group of accounts, it is necessary to select the group in the popup list, indicate the period within which the reports will be requested, and press the "Request" button (or execute the "Request" context menu command).

For purpose of usability, all the daily reports requested from the server are summarized in a table with the following cells:

Time — time of the daily report generation on the server;

Login — the account number;

Deposit — the account deposit;

Closed P/L — realized gain of the account;

Balance — the account balance;

Credit — the account credit;

Floating P/L — unrealized profit of the account;

Equity — assets of the account.

Used Margin — used margin of the account;

Free Margin — free margin of the account;

According to daily reports for a group of accounts requested within the period, it is possible to generate a raw history report using the "Save Raw Report" context menu command or select one of the reports in "Additional Reports" submenu of the context menu:

Common History Report;

Equity Report;

Profit and Loss Report.

The context menu allows to execute the following commands:

Request — request the reports from the server;

Account Details — open window of the client's order management;

Find — find the line in the order list;

Copy — copy the selected lines of the list to clipboard;

Save Raw Reports — save the raw report;

Additional Reports — choose a report;

Auto Arrange — automatic arrangement of the column sizes when changing the window size;

Grid — show/hide the grid to separate columns;

Columns — select columns to be displayed.

Reports

Groups of Accounts

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Translate: EN ▾



Groups of Accounts

Reports and history reports are generated for a group of clients specified in a request sent from the manager terminal to the server. A group of accounts is [created or edited](#) using the following window:

Login	Name	Group	Country	Equity /	S...
645667	John Smith	demoforex	Russia	5 000.00	
645672	John Smith	demoforex	Russia	5 000.00	
645675	John Smith	demoforex	Russia	5 000.00	
645676	John Smith	demoforex	Russia	5 000.00	
642685	John Smith	demoforex	Russia	5 001.93	
642682	John Smith	demoforex	Russia	5 034.51	
641409	John Smith	demoforex	Russia	5 041.62	
641441	John Smith	demoforex	Russia	5 583.68	
641418	John Smith	demoforex	Russia	5 911.49	
641398	John Smith	demoforex	Russia	6 357.17	
641394	John Smith	demoforex	Russia	6 401.91	
641393	John Smith	demoforex	Russia	6 421.49	

Login /	Name	Group
641444	John Smith	demoforex
642684	John Smith	demoforex
642685	John Smith	demoforex
645672	John Smith	demoforex

The left list contains client accounts available for reports, the right one contains the accounts taken to the group. Accounts can be included into a group in several ways:

To add a single account, click on it with the left mouse button.

To add several accounts, select them with the mouse while holding Ctrl or Ctrl+Shift. Then click the "Add >>" button.

To add all accounts from specific groups, select one account from each group and then click "Group >>".

To add all accounts from specific countries, select one account from each country and then click "Country >>".

To add accounts, one can use a CSV file containing a list of accounts. Click "Browse", select a file and click "OK". Accounts from the file are selected in the list on the left, and you can add them using the "Add >>" button.

To delete an account from the list, click on it with the left mouse button. To delete several accounts, select them with the mouse while holding Ctrl or Ctrl+Shift, then click "<< Delete".

The list of available accounts can be filtered by a user group. To do it, double click in any line of the "Group" column and select the necessary group in the window appeared. To disable filtering, an empty line should be selected in the list.

Once all the necessary accounts are selected, specify a name for the groups of accounts in the "Name" field and click "OK". Now you can use the group for [requesting the reports](#).

Journal

Translate: EN ▾



All operations and events are saved in special statistics journals representing text files. The "Journal" section allows to look through these records.

Time /	IP	Message
● 2012.06.04 12:1...	192.168.9.95	'598673': close instant order #35650654 buy 0.10 EURUSD at 1.24303 sl: 0.00000 tp: 0.0000...
● 2012.06.04 12:1...	192.168.9.95	'598673': close order #35650654 (buy 0.10 EURUSD at 1.23788) at 1.24303 completed
● 2012.06.04 12:1...	192.168.9.95	'598673': instant buy 0.10 USDCHF at 0.96623 sl: 0.00000 tp: 0.00000 (0.96587 / 0.96623)
● 2012.06.04 12:1...	192.168.9.95	'5': request from '598673' (buy 0.10 USDCHF at 0.96623 sl: 0.00000 tp: 0.00000)
● 2012.06.04 12:1...	192.168.9.95	'5': quotes for '598673' - open buy 0.10 USDCHF 0.96587 / 0.96625 (0.96590 / 0.96626)
● 2012.06.04 12:1...	192.168.9.95	'598673': instant buy 0.10 USDCHF at 0.96625 sl: 0.00000 tp: 0.00000 (0.96593 / 0.96629)
● 2012.06.04 12:1...	192.168.9.95	'5': request from '598673' (buy 0.10 USDCHF at 0.96625 sl: 0.00000 tp: 0.00000)
● 2012.06.04 12:1...	192.168.9.95	'5': quotes for '598673' - open buy 0.10 USDCHF 0.96593 / 0.96629 (0.96591 / 0.96627)
● 2012.06.04 12:1...	192.168.9.95	'598673': instant buy 0.10 USDCHF at 0.96629 sl: 0.00000 tp: 0.00000 (0.96587 / 0.96624)
● 2012.06.04 12:1...	192.168.9.95	'5': request from '598673' (buy 0.10 USDCHF at 0.96629 sl: 0.00000 tp: 0.00000)
● 2012.06.04 12:1...	192.168.9.95	'5': confirm '598673' buy 0.10 USDCHF at 0.96629 sl: 0.00000 tp: 0.00000 (0.96587 / 0.96623)
● 2012.06.04 12:1...	192.168.9.95	'598673': order #35650662, buy 0.10 USDCHF at 0.96629
● 2012.06.04 12:1...		TelnetDispatcher: released due no users
● 2012.06.04 12:1...	192.168.9.95	'598673': instant buy 0.10 USDCHF at 0.96630 sl: 0.00000 tp: 0.00000 (0.96594 / 0.96630)
● 2012.06.04 12:1...	192.168.9.95	'5': request from '598673' (buy 0.10 USDCHF at 0.96630 sl: 0.00000 tp: 0.00000)
● 2012.06.04 15:4...	192.168.9.95	'5': journal (12:19, 2012.06.04 - 2012.06.04)

12:19 Standard Today 2012.06.04 2012.06.04 Request

Online: 2 | Accounts: 598674 | Orders: 31292 | Dealer | Reports: 10 | History Reports: 23 | Journal: 17

Date and time of the event are written in the "Time" field. "IP" is the address from which the action was performed. If there is no record in this field, it means that the actions was performed by the server itself. The events taken place are described in the "Message" column. Icons in the time column allow to select different types of records easily: – error reports; – warnings; – standard messages.

To find a necessary record according to a given criterion among the results of the request to database, the "Find" should be used. This window can be opened using "Ctrl+F" button combination.

Elements of log requests management are located at the bottom of the window (from left to right):

Search field where unique key words can be given;

The mode of view:

Standard - all messages except for authorization information.

Logins - authorization messages.

Trades - messages about trade operations.

Errors - only error messages.

Full - all messages.

LiveUpdate - the log of the platform components update module (mtsrvupdate.exe).

SendMail - the log of the module for sending reports to clients (mtsendmail.exe).

Failover - the log of the the utility for real time data backup (MetaTrader 4 WatchDog).

Preset request periods: Today (current day), Last 3 Days (the last 3 days), Last Week (the last week), Last Month (the last month), Last 3 Months (the last 3 months), and Last 6 Months (the last 6 months);

The request period can be given manually in the last two fields: the first field is for the beginning of the request period, the second one is for the request period end.

You can also use logical operators for requesting server logs: | (or), & (and), ! (exception).

After all required parameters of the request have been given the "Request" button must be pressed. Taking into consideration that server logs can consist of tens of thousands or hundreds of thousands records, it is recommended to formulate the request as accurately as possible. This will allow to shorten the search period, as well as to find the necessary record quicker and in the less amount of information. The "Save As" context menu command allows to save the formed log in CSV or HTML format.

The context menu allows to execute the following commands:

Request – request logs;

Account Details – open the window of account details;

Technical Details – receive the details of the account owner's connection;

Find – call the search window;

Search – using this submenu, you can easily form new requests on the basis of an already found entry in the journal:

Account – copy an account from the found entry to the request field of the journal;

Order – copy an order ticket from the found entry to the request field of the journal;

Symbol – copy a symbol name from the found entry to the request field of the journal;

IP – copy an IP address the found entry to the request field of the journal.

Copy – copy the selected entry to the clipboard;

Save – save the requested logs as the HTML file;

Auto Arrange – automatic arrangement of column sizes when window size is changed;

Grid – show/hide grid to separate columns;

Columns – select columns to be shown.

Risk Management

Translate: EN 

This section describes how to cover client positions and protect own company from financial risk:

[Summary](#)[Exposure](#)[Coverage](#)[Alerts](#)[Journal](#)[Summary](#)

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Summary

The "Summary" tab of the "Toolbox" window contains the information about the summary of open positions of clients grouped according to financial instruments being traded. When hedging the clients' positions, there is an opportunity to display the covered positions at the account in the group having the predefined name of "coverage".

Item	Deals	Buy Volume	Buy Price	Sell Volume	Sell Price	Net Volume	Profit (USD)	Uncovered (U...)
GBPUSD	509 / 0	191 654.60 / 0.00	1.57719 / 0.00000	391 332.10 / 0.00	1.58068 / 0.00000	-199 677.50	876 918 867 / 0	876 918 867
EURUSD	581 / 0	265 049.20 / 0.00	1.26617 / 0.00000	549 105.90 / 0.00	1.26717 / 0.00000	-284 056.70	543 255 968 / 0	543 255 968
USDJPY	640 / 0	341 103.80 / 0.00	79.574 / 0.000	490 730.10 / 0.00	79.544 / 0.000	-149 626.30	244 849 820 / 0	244 849 820
USDCAD	597 / 0	486 167.80 / 0.00	1.01993 / 0.00000	310 454.20 / 0.00	1.02019 / 0.00000	175 713.60	324 217 807 / 0	324 217 807
NZDUSD	543 / 0	301 693.40 / 0.00	0.75772 / 0.00000	444 402.50 / 0.00	0.76109 / 0.00000	-142 709.10	125 492 566 / 0	125 492 566
AUDUSD	622 / 0	339 240.50 / 0.00	0.98361 / 0.00000	500 690.40 / 0.00	0.98641 / 0.00000	-161 449.90	288 311 369 / 0	288 311 369
AUDNZD	570 / 0	385 413.00 / 0.00	1.29747 / 0.00000	407 134.60 / 0.00	1.29679 / 0.00000	21 721.60	21 527 034 / 0	21 527 034
Summary								
	Exposure	Coverage	Dealing	Alerts	Mailbox	News	Journal	Support

For the purpose of usability, all summary positions are given in the table having the following fields:

Item – symbol of the financial instrument;

Deals – the amount of clients' deals / the amount of hedging deals;

Buy Volume – the amount of bought lots / hedged bought lots;

Buy Price – the average buy price;

Sell Volume – the amount of sold lots / hedged sold lots;

Sell Price – the average sell price;

Net Volume – summarized volume (the bought volume minus the hedged bought volume minus (the sold volume minus the hedged sold volume));

Profit (CCY) – the client's profit or loss converted to selected currency;

Uncovered (CCY) – uncovered profit or loss converted to selected currency.

The context menu allows to execute the following commands:

Cover – [coverage](#) of the aggregate clients' positions by the symbol;

Currency – choose a currency to be used for displaying profit/loss; the deposit currency of user groups of the server are available;

Profit – choose a variant of clients' profit/loss calculation:

without swap and commission – without considering the swaps and commissions;

with swap and commission – considering the swaps and commissions;

Copy – copy the selected lines of the list in the clipboard;

Save – save the list of summary positions in the file;

Auto Arrange – automatic arrangement of column sizes when changing the window size;

Grid – show/hide grid to separate columns.

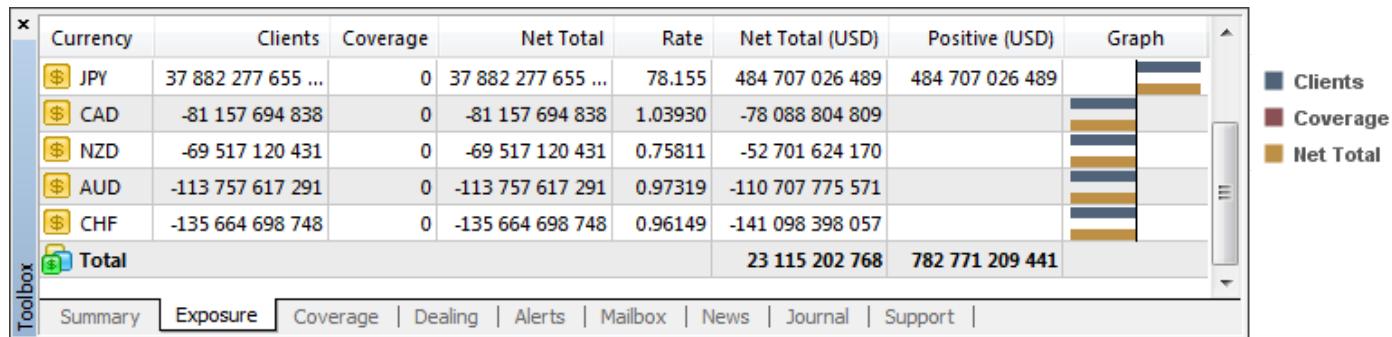
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Exposure

Translate: EN ▾



The "Exposure" tab of the "Toolbox" window contains the balance of open clients and "coverage" positions.



For the purpose of usability, the exposure is given in the table having the following fields:

Currency — exposure currency;

Clients — clients exposure - volume of client's positions;

Coverage — coverage exposure - volume of positions of "coverage" group;

Net Total — net total - difference between client exposure and coverage exposure;

Rate — exchange rate of net total to selected currency;

Net Total (CCY) — net total converted to selected currency;

Positive (CCY) — positive net total converted to selected currency.

The table also contains the graph representing clients and coverage exposure ratio.

The context menu allows to execute the following commands:

Copy — copy the selected lines of the list in the clipboard;

Currency — choose a currency to be used for displaying net total; the deposit currency of user groups of the server are available;

Save — save the exposure list in the file;

Auto Arrange — automatic arrangement of column sizes when changing the window size;

Grid — show/hide grid to separate columns.

[Summary](#)

[Coverage](#)

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Translate: EN ▾



Coverage

The Manager terminal allows covering of clients' positions or assets on the hedge server.

To cover positions and assets, it is necessary to open an account on the hedge server and select an account in the "coverage" group of one's own server. When being covered, positions of the hedge server can be automatically displayed in the selected account of the "coverage" group on one's own server. This allows tracking of the uncovered client's profit in the [Summary](#) tab or the uncovered assets in the [Exposure](#) tab.

The hedge account orders are displayed in the selected account in the "coverage" group according to the following rules:

When a position is opened on the hedge account, the corresponding position will be opened on the account in the "coverage" group of one's own server.

Stops placed on orders of the hedge account are zeroed on orders of the account in the "coverage" group, otherwise, if price flows are different, the stops on orders of the account in the "coverage" group can trigger before stops on orders of the hedge account trigger.

When a position is closed (manually or by triggering of stops) on the hedge account, the corresponding position of the account in the "coverage" group will be closed automatically.

The pending orders placed on the hedge account are not displayed in the account of the "coverage" group, otherwise, if price flows are different, the pending orders of the account in the "coverage" group can trigger before pending orders of the hedge account trigger.

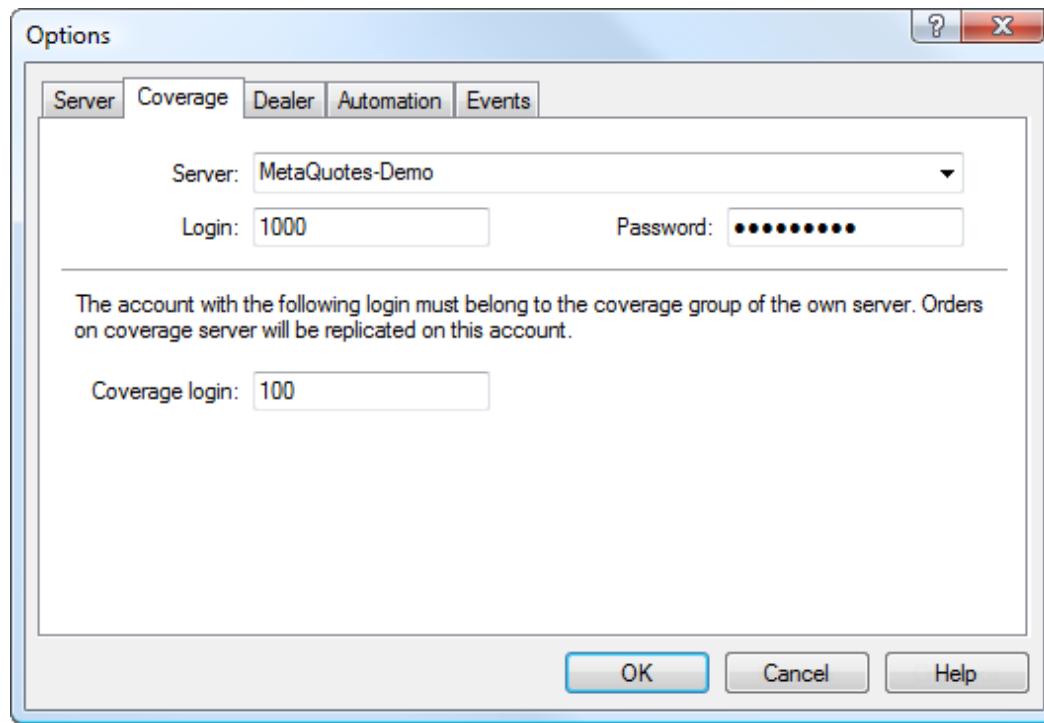
When a pending order triggers and a position is opened on the hedge account, a position on the account in the "coverage" group will be opened automatically, stops of this position will be zeroed.

When connecting to the hedge server, the positions of the hedge account are checked for their compliance with positions on the account in the "coverage" group.

Attention: It is prohibited to connect several Manager terminals to the hedge account. If several Manager terminals were connected to the hedge account, it would result in desynchronization of orders on the hedge account and on the account in the "coverage" group. This would carry a distorted picture of coverage of aggregate clients' positions and assets.

To be able to cover clients' positions and assets, the manager must have "Risk manager" right.

Coverage Setup



The "Coverage" tab of the Manager terminal setup window allows specifying of positions and assets coverage settings. The following parameters can be set up in the "Coverage" tab:

Server – IP address and port or name of the hedge server, on which the clients' positions and assets will be covered;

Login – trade account login on the hedge server;

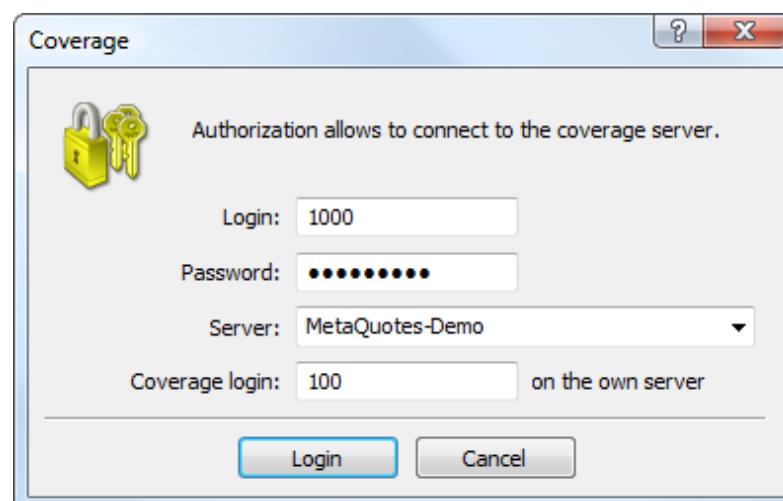
Password – trade account password on the hedge server;

Coverage login – login of the account in the "coverage" group on one's own server; trades of the hedge account will be displayed in this account.

The settings above are stored between launches of the Manager terminal if the "Save account information" option is enabled in the [server settings](#).

Logging In

One can log in to the hedge account using the "File – Connect Coverage" menu command or clicking on the "Connect" button of the "Coverage" toolbar.

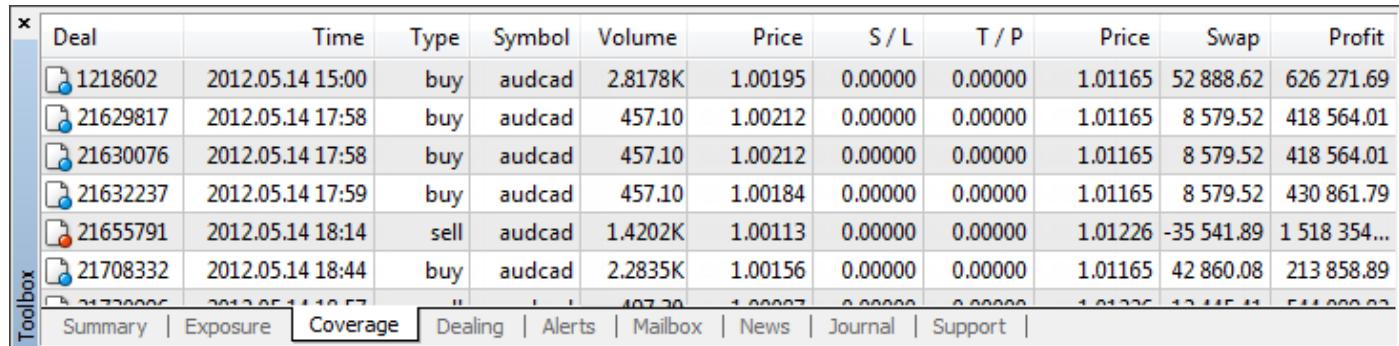


Authorization on the hedge server functions by connecting to the trade server using a login and a password. At this stage, one can also specify the login of the account in the "coverage" group, on which trades on the hedge server will be displayed. When authorizing on the hedge server, one can specify the main or the investor's password. Authorization using the main password gives full rights when working with a trade account. When authorized as investor, one can view the account status, but cannot trade. After one has connected to the hedge server, the connection flag is shown in the status bar of the Manager terminal.

Attention: At connection to the hedge server, the positions of the hedge account are checked for their compliance with positions on the account in the "coverage" group. After having connected, it is necessary to look through the manager's journal to check for records about discordances in positions opened on the hedge account and on the account in "coverage" group.

Trading

Trading on the hedge account in the Manager terminal is similar to that in the Client Terminal. The "Coverage" tab of the "Toolbox" window contains information about the current status of the hedge account, about positions opened and pending orders placed. Open positions and pending orders can be sorted by any field.



Deal	Time	Type	Symbol	Volume	Price	S / L	T / P	Price	Swap	Profit
1218602	2012.05.14 15:00	buy	audcad	2.8178K	1.00195	0.00000	0.00000	1.01165	52 888.62	626 271.69
21629817	2012.05.14 17:58	buy	audcad	457.10	1.00212	0.00000	0.00000	1.01165	8 579.52	418 564.01
21630076	2012.05.14 17:58	buy	audcad	457.10	1.00212	0.00000	0.00000	1.01165	8 579.52	418 564.01
21632237	2012.05.14 17:59	buy	audcad	457.10	1.00184	0.00000	0.00000	1.01165	8 579.52	430 861.79
21655791	2012.05.14 18:14	sell	audcad	1.4202K	1.00113	0.00000	0.00000	1.01226	-35 541.89	1 518 354...
21708332	2012.05.14 18:44	buy	audcad	2.2835K	1.00156	0.00000	0.00000	1.01165	42 860.08	213 858.89
<hr/>										
Summary	Exposure	Coverage	Dealing	Alerts	Mailbox	News	Journal	Support		

Commands of the "Coverage" tab context menu allow to open a new order on the hedge account, close an order, modify stops or delete a pending order. A new order can be opened by clicking on the "New Order" button of the "Coverage" toolbar or by pressing F9 on the keyboard.

Trading in the hedge account is displayed on orders of the account in the "coverage" group in strict compliance with the above [rules](#). Trading results on the hedge account and on the account in the "coverage" group are recorded in the Manager terminal journal.

Coverage of Aggregate Clients' Positions

The [Summary](#) tab contains data about aggregate clients' positions and about total uncovered volumes (Net Lots) and profits for clients' positions.

The "Cover" command of the "Summary" tab context menu allows to hedge uncovered total volumes for the selected symbol. When executing this command:

Among positions on the hedge account, an open position will be searched for, closing of which will result in decreasing of absolute total uncovered volumes. If such a position has been found, the order window will open that suggests to close the found position.

If no position for a symbol is found, closing of which would result in decreasing the uncovered volumes, there will be opened the order window that will suggest to open on the hedge account a BUY or SELL position of the total uncovered volume for the symbol.

Assets Coverage

The [Exposure](#) tab contains clients's assets and the company's hedged assets by currencies, as well as the company's net currency positions (Net Total).

The "Cover" command of the "Exposure" tab context menu allows to hedge clients' assets for the selected currency, reducing in such a way the net currency position and exchange risks. When executing this command, one selects a currency pair for the given currency and opens the order window that suggests to open or close a position on the hedge account. A currency pair for the currency is chosen according to the following rules:

1. Such currency pairs are chosen that the net currency position for one currency is long and that for another currency is short.
2. For the currency pairs found, positions opened on the hedge account are searched for, closing of which would result in decreasing of net currency positions by currencies.
3. Among open positions found, the position for a symbol with the lowest spread is selected. Then the order window is opened that suggests to close this position on the hedge account.
4. If no open positions are found, closing of which would result in decreasing of net currency position, the currency with the lowest spread will be chosen among currency pairs found at step 1.
5. Among currency pairs with the lowest spreads, a currency pair is chosen, opening of a position for which would result in the most significant decreasing of net currency positions. Then the order window opens that suggests to open a position for the selected currency pair.

If no currency pair, opening or closing positions for which would result in decreasing net currency positions, is found, i.e., all net currency positions are long or all of them are long, the order window containing the default currency pair and volume will open upon selection of the "Cover" menu item.

[Exposure](#)[Alerts](#)

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Alerts

Translate: EN ▾



Manager terminal allows to create alerts informing about critical changes of total clients' positions, about exceeding a certain level by the symbol price, or about the certain time coming. "Alerts" tab of the "Toolbox" window contains information about alerts created.

Symbol	Condition	Cou...	Limit	Tim...	Event
EURUSD	Ask > 1.26000	0	1000	10 sec	alert
GBPUSD	Uncovered Profit > 1 000	3	3	30 sec	alert
USDJPY	Deals > 200	3	1000	10 sec	alert
USDCAD	Bid < 1.00000	0	1000	10 sec	alert

The context menu includes the following commands:

Create – create a new alert of an event;

Modify – modify an alert;

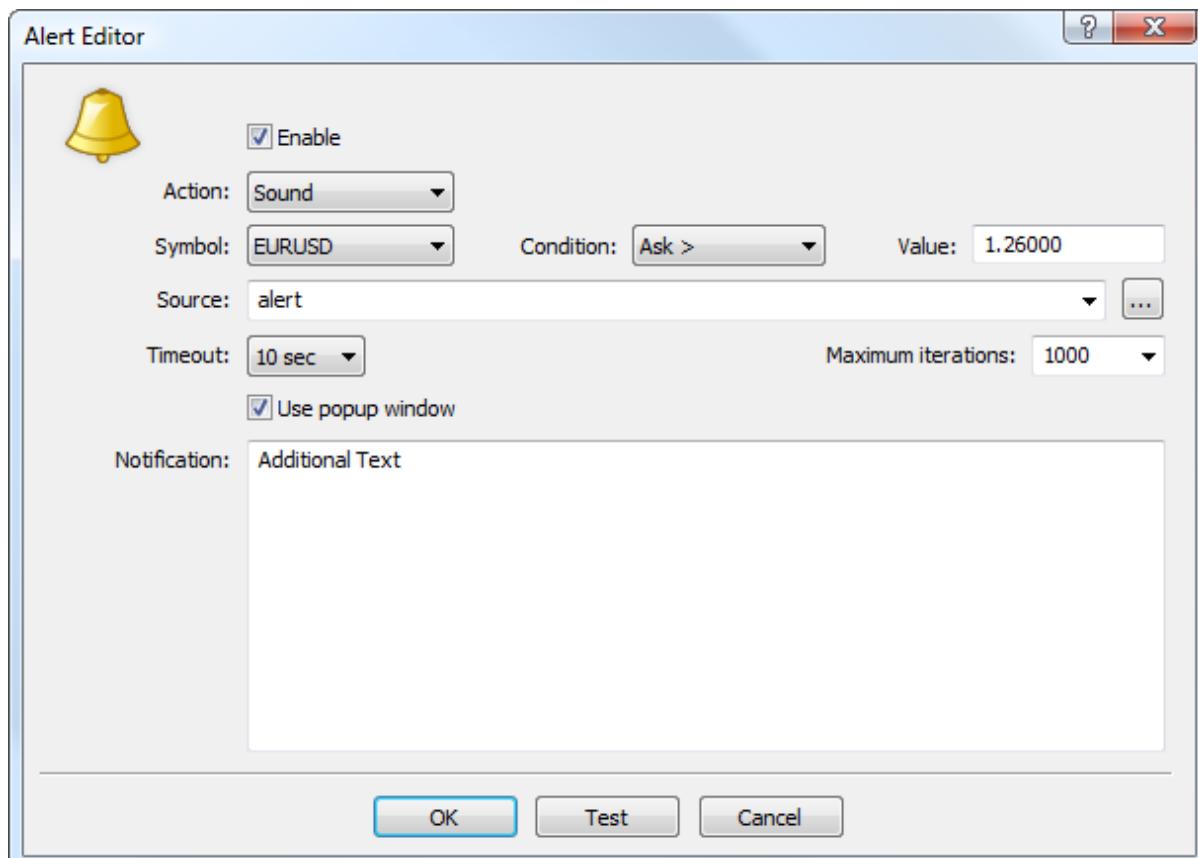
Delete – delete an alert;

Enable/Disable – enable or disable the alert;

Auto Arrange – automatic arrange of the column sizes when changing the window size;

Grid – show or hide the grid to separate columns from each other.

It is possible to begin modifying an alert with double click of the left mouse button. In this case, as well as in the case of executing the "Modify" and "Create" context menu commands, the Alert Editor window will appear:



Enable – enable or disable an alert;

Action – the action to be done when a certain event comes: to play a sound or to launch a file; it is necessary to indicate the corresponding files in the "Source" field;

Symbol – financial instrument or group of instruments;

Condition – a condition ("Time=", "Bid<", "Bid>", "Ask<", "Ask>", "Deals<", "Deals>", "Net Lots<", "Net Lots>", "Profit<", "Profit>", "Uncovered<", "Uncovered>");

Value – the value of the condition;

Source – alert; when playing a sound or launching a file, it is necessary to indicate the path to the corresponding file;

Timeout – the period of time after which the alert is given;

Maximum iteration – maximum number of alerts concerning a certain event;

Use popup window – when the event comes, open a popup window containing the message about it;

Notification – notification or reminding about actions to be done when the event comes.

The operating of the selected alert can be checked through "Test" button.

Coverage

User Interface

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User Interface

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This section describe the elements of interface of the manager terminal:

[Overview](#)

[Main Menu](#)

[Toolbars](#)

[Market Watch Window](#)

[Plugins Window](#)

Alerts

[Overview](#)

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Overview

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The screenshot shows the MetaTrader 4 Manager interface. At the top, there's a menu bar with File, Edit, View, Tools, Window, Help. Below the menu is a toolbar with various icons. A search bar says "New Account Login, Name, or #Order". There are tabs for Disconnect, Automation, and Multiple.

Market Watch: Shows a list of currency pairs with their current Bid and Ask prices. Some prices are in red.

Symbol	Bid	Ask
GBPUSD	1.53961	1.54000
EURUSD	1.24905	1.24927
USDJPY	78.298	78.318
USDCAD	1.04012	1.04043
NZDUSD	0.75850	0.75893
AUDUSD	0.97337	0.97375
AUDNZD	1.28264	1.28350
AUDCAD	1.01248	1.01307
AUDCHF	0.93550	0.93630
AUDJPY	76.216	76.252
CHFJPY	81.440	81.484
EURGBP	0.81109	0.81143
EURAUD	1.28293	1.28344
EURCHF	1.20066	1.20105
EURJPY	97.802	97.836
EURNZD	1.64540	1.64740

Deal: A large table showing a history of trades. Columns include Deal ID, Time, Type, Symbol, Volume, and Profit/Loss.

Deal	Time	Type	Symbol	Volume	Profit/Loss
1218602	2012.05.14 15:00	buy	audcad	2.8178K	...
21629817	2012.05.14 17:58	buy	audcad	457.10	...
21630076	2012.05.14 17:58	buy	audcad	457.10	...
21632237	2012.05.14 17:59	buy	audcad	457.10	...
21655791	2012.05.14 18:14	sell	audcad	1.4202K	...
21708332	2012.05.14 18:44	buy	audcad	2.2835K	...
21730996	2012.05.14 18:57	sell	audcad	497.30	...
21732019	2012.05.14 18:58	sell	audcad	497.30	...
22248060	2012.05.15 16:38	buy	audcad	2.5545K	...
22248747	2012.05.15 16:38	buy	audcad	2.5545K	...
22249134	2012.05.15 16:38	buy	audcad	3.2241K	...
22249691	2012.05.15 16:38	buy	audcad	3.2241K	...
26208234	2012.05.18 03:36	buy	audcad	325.20	...
26209338	2012.05.17 04:01	buy	audcad	325.20	...
26209561	2012.05.17 03:47	sell	audcad	1.2003K	...
26209736	2012.05.17 03:51	buy	audcad	1.5143K	...

Margin Calls: A list of accounts with their login names and margin call levels.

Login	Level
571673	33.1%
563252	36.7%
583134	37.8%
569166	38.1%
586514	37.3%
524790	39.3%
586889	39.8%
7349	39.7%
547360	40.1%
580278	40.6%
574468	40.9%
553897	41.2%
547927	41.7%
589010	40.7%
513373	41.9%
573566	42.0%
554111	42.0%

Summary: A table showing overall statistics for deals, buy/sell volumes, and profit.

Item	Deals	Buy Volume	Buy Price	Sell Volume	Sell Price	Net Volu...	Profit (USD)	Uncover...
GBPUSD	509 / 0	191 654.60 / 0.00	1.57719 / ...	391 332.10 / 0.00	1.58068 / ...	-199 677.50	871 950 999 / 0	871 950 999
EURUSD	580 / 0	263 136.60 / 0.00	1.26610 / ...	549 105.90 / 0.00	1.26717 / ...	-285 969.30	534 217 153 / 0	534 217 153
USDJPY	640 / 0	341 103.80 / 0.00	79.574 / 0....	490 730.10 / 0.00	79.544 / 0....	-149 626.30	212 191 720 / 0	212 191 720
USDCAD	597 / 0	486 167.80 / 0.00	1.01993 / ...	310 454.20 / 0.00	1.02019 / ...	175 713.60	340 017 833 / 0	340 017 833
NZDUSD	543 / 0	301 693.40 / 0.00	0.75772 / ...	444 402.50 / 0.00	0.76109 / ...	-142 709.10	119 531 334 / 0	119 531 334
AUDUSD	622 / 0	339 240.50 / 0.00	0.98361 / ...	500 690.40 / 0.00	0.98641 / ...	-161 449.90	286 422 992 / 0	286 422 992
AUDNZD	570 / 0	385 413.00 / 0.00	1.20742 / ...	407 134.60 / 0.00	1.20670 / ...	-21 721.60	21 462 413 / 0	21 462 413

Toolbox: Buttons for Summary, Exposure, Coverage, Dealing, Alerts, Mailbox, News, Journal, and Support.

The interface of the software includes the following elements:

The Main Window Heading

The heading of the program includes the number of the current account, the name of application.

Main Menu

All commands and functions to be executed in the client terminal are collected in the main menu. The main menu of the program includes: [File](#), [Edit](#), [View](#), [Tools](#), [Window](#), [Help](#). More details can be found in the [Main Menu](#) section.

Toolbars

Three toolbars [Standard](#), [Dealing](#), and [Coverage](#) are built in the terminal. The basic commands and functions of the main menu are duplicated in the toolbars. However, these toolbars are adjustable, and it is possible to collect only the most frequently used elements of management in them. More details can be found in the [Toolbars](#) section.

"Market Watch" Window

The list of financial instruments (symbols) is given in this window. More details can be found in the "["Market Watch" Window](#)" section.

Status Bar

The status bar is also used in the terminal for visualization of additional information. The indicator of server connection is located in the status bar, command prompts and price data are displayed there, as well.

Main Menu

The main menu of the program represents a set of menus at lower levels located below main window heading. The basic commands and functions to be executed in the program are collected in the main menu.

"File" Menu

-  **Connect...** – authorization. While this command is executed, an attempt to connect to the selected server will be undertaken. If the access with the given account is not permitted on the server, no connection will succeed.
-  **Disconnect** – disconnection from the server. Before finishing work at Manager, it is recommended to disconnect of the server.
-  **Connect Dealer** – connection of a dealer.
-  **Disconnect Dealer** – disconnection of a dealer.
-  **Connect Coverage** – connect hedging account.
-  **Disconnect Coverage** – disconnect hedging account.
-  **New Account...** – add a new account. On this command, a window appears requesting information about the account to be added.
-  **Save As** – save data as a text file having "HTM" extension.
-  **Print...** – print.
-  **Print Preview** – preview before printing.
- Print Setup...** – common print setup.
-  **Open Data Folder** – open the data directory of the manager terminal. This is a convenient command for operation under MS Windows Vista and above, where programs by default store data in the Windows user directory, and not in the installation directory. The data storage directory has the following path: C:\Users\[username]\AppData\Roaming\MetaQuotes\MetaTrader 4 Manager\[terminal instance id]\.
- Exit** – close the program.

"Edit" Menu

-  **Copy** – copy data into clipboard.
-  **Find** – finding a list element according to the given criterion.
-  **Find Next...** – continue the search and find the next list element.

"View" Menu

- Languages** – call the submenu for management the languages of the client terminal. The changes are valid after the program has been restarted.
- Toolbars** – call the menu of management the toolbars. The toolbars already set are ticked off. The "Customize" command allows to adjust toolbars.
- Status Bar** – enable/disable the status bar located at the bottom of the terminal window.

 **Market Watch** – open/close the "[Market Watch](#)" window. The same action can be performed using the accelerating buttons Ctrl+M or  button of "[Standard](#)" toolbar.

 **Margin Calls** – open/close "[Margin Calls](#)" window. The same action can be performed using accelerating buttons Ctrl+L.

 **Queue** – open/close "[Queue](#)" window. The same action can be performed using accelerating buttons Ctrl+Q.

 **Plugins** – open/close [Plugins](#) window. The same action can be performed using accelerating buttons Ctrl+U.

 **Toolbox** – open/close "Toolbox" window. The same action can be performed using accelerating buttons Ctrl+T or the  button of the "Standard" toolbar.

 **Full Screen** – enable/disable full-screen mode. When this option is enabled, toolbars and status bar are disabled, and all service windows are closed. At the next execution of the command the return to the initial status occurs. The same action can be performed using F11 button or  button of "[Standard](#)" toolbar.

"Tools" Menu

 **New Coverage Order** – open new hedging order.

 **Options...** – open setup window for program properties.

"Window" Menu

 **Online users** – switch the active window to "Online" tab.

 **Accounts** – switch the active window to "Accounts" tab.

 **Orders** – switch the active window to "Orders" tab.

 **Dealer** – switch the active window to "Dealer".

 **Reports** – switch the active window to "Reports" tab.

 **History reports** – switch the active window to "History reports" tab.

 **Journal** – switch the active window to "Journal" tab.

"Help" Menu

Contents – open the built-in directory containing the Userguide. F1 button performs the same action.

MetaQuotes Web Site – open homepage.

MetaQuotes Support Center – open page of MetaQuotes Software Corp. technical support.

 **About MetaTrader Manager...** – about the program.

Translate: EN ▾



Toolbars

A toolbar is an adjustable window having a set of buttons assigned to the often used commands. Three types of tools are represented in the program: "[Standard](#)", "[Dealer](#)", and "[Coverage](#)".

All toolbars are made in form of floating windows and can have any location in the terminal working space. Toolbars are usually located below the main menu. Toolbars can be shown or hidden through "[View – Toolbars](#)" menu command. To setup the toolbars, it is necessary to execute the "Customize" command of the context menu of the corresponding toolbar. All buttons of toolbars are provided with popup prompts to appear as soon as the mouse cursor is placed on the button.

"Standard" Toolbar

- Connect** – connect to the server;
- Disconnect** – disconnect from the server;
- Account** – reconnect manager with different login;
- Save** – save list;
- Print** – print out the document;
- Print Preview** – previewing before printing;
- Market Watch** – open/close "[Market Watch](#)" window. The "[View – Market Watch](#)" menu command and accelerating buttons Ctrl+M perform the same action;
- Margin Calls** – open/close "[Margin Call](#)" window;
- Queue** – open/close "[Queue](#)" window;
- Toolbox** – open/close "Toolbox" window;
- New Account** – add [a new account](#);
- Options** – [settings](#) of the manager terminal;
- Help** – show help content;
- About** – "About" window call.

You can quickly open the window of account trades management or the window of a certain trade from the "Standard" toolbar. To do it, specify an account number or a trade number after the "#" symbol in the "Find Account or Order" field and press the "Enter" button.

"Dealer" Toolbar

- Connect** – connect the dealer to the server;
- Disconnect** – disconnect the dealer from the server;
- Automation** – enable/disable [automatic processing](#) of requests;
- Multiple Execution** – [multiple execution](#) of queued requests of the same type;
- Throw in Prices** – [push new quotations](#) into the quotation flow from data feeders when replying a request.

"Coverage" Toolbar

 **Connect** — connect hedging account.

 **Disconnect** — disconnect hedging account.

 **New Order** — open new hedging order.

Main Menu

Market Watch Window

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Market Watch Window

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The "Market Watch" window is a service window. This is a floating window, it can be moved in the screen to be presented in a usable appearance. "Market Watch" can be opened/closed using accelerating buttons Ctrl+M, the "View – Market Watch" menu command, or button of the "Standard" toolbar. The list of financial instruments will appear in the window for which the program receives quotations from the server. After the program has been installed, the list will consist of the initial set of instruments.

Market Watch: 16:30:00		
Symbol	Bid	Ask
⬆️ GBPUSD	1.53961	1.54000
⬆️ EURUSD	1.24914	1.24935
⬇️ USDCAD	78.301	78.321
⬇️ NZDUSD	1.03984	1.04012
⬇️ AUDUSD	0.97352	0.97392
⬇️ AUDNZD	1.28250	1.28338
⬇️ AUDCAD	1.01232	1.01293
⬆️ AUDCHF	0.93560	0.93640
⬆️ AUDJPY	76.233	76.268
⬆️ CHFJPY	81.444	81.488
⬆️ EURGBP	0.81114	0.81149
⬆️ EURAUD	1.28278	1.28334

The context menu of quotations allows to execute the following commands:

Details – open the [Financial Instruments Details Window](#);

Quotes – [input of quotations](#);

Profiles – work at [Financial Instrument Profiles](#);

Tick Chart – switch to the tab of tick prices;

Hide – delete a financial instrument from the quotation window;

Hide All – delete all instruments from the quotation window;

Show All – show all instruments in the quotation window;

Symbols – open the [Select Symbol Window](#);

Track Requests – track the trading requests of clients. At this, when dealer receives a new request, the quotation window will switch to tick price tab;

Auto Arrange – automatic arrangement of column sizes when changing the window size;

Spread – show/hide spread of the financial instrument;

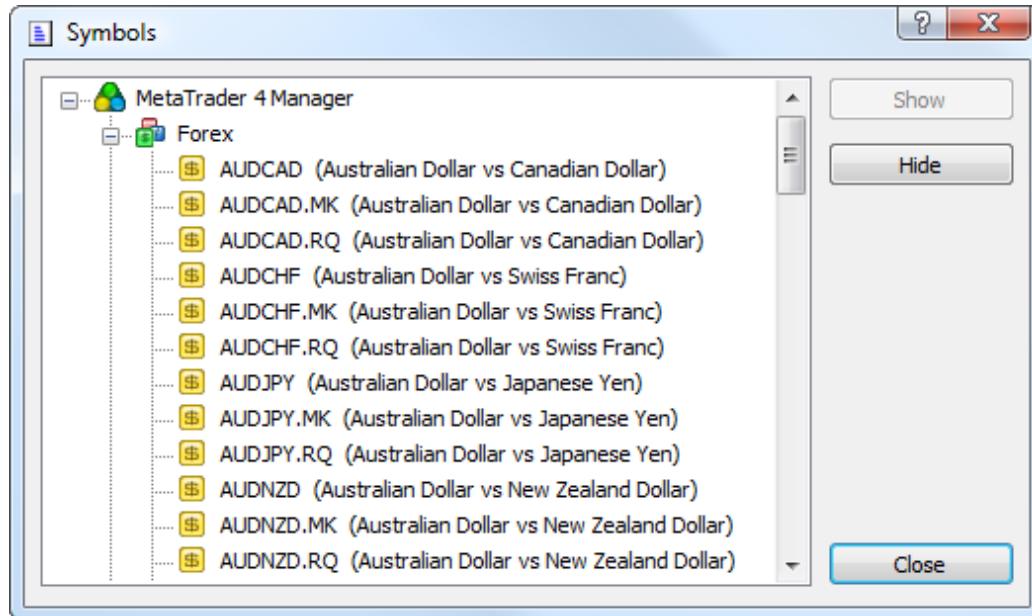
High/Low – show/hide High/Low prices;

Time – show/hide time of incoming last quotation;

Grid – show/hide grid to separate columns.

The "[Tick Chart](#)" of the "Market Watch" window displays tick prices for a selected instrument.

Symbols Selection



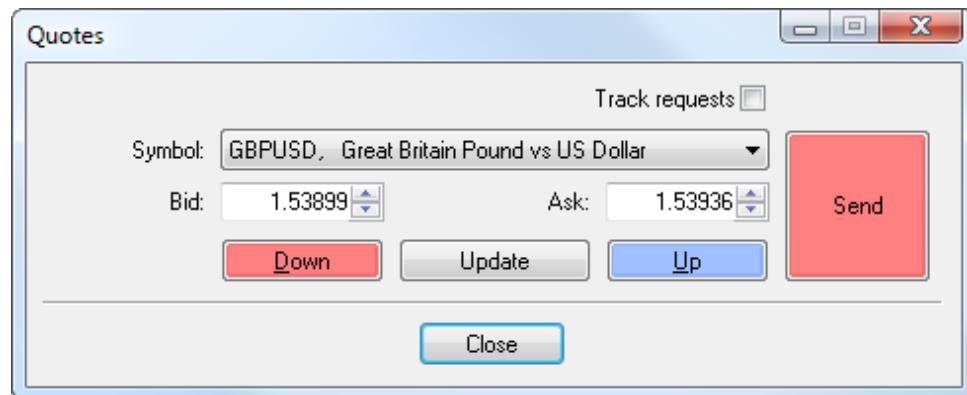
The "Symbols" command of the context menu of quotation window calls the "Symbols" window containing the list of all instruments available. The symbols are grouped in the window according to their types: "Forex", "CFDs", "Futures", "Stocks", "Indexes". The "Show" command can be used to add the desired symbols, and the "Hide" can be used to delete the symbol from the quotation window.

Window of Symbol Details



The symbol window displays summarized information about the settings of the selected symbol. When having the rights, a manager can change the performance mode, the Limit & Stop level, spread, spread distribution, smoothing and the background color of the symbol.

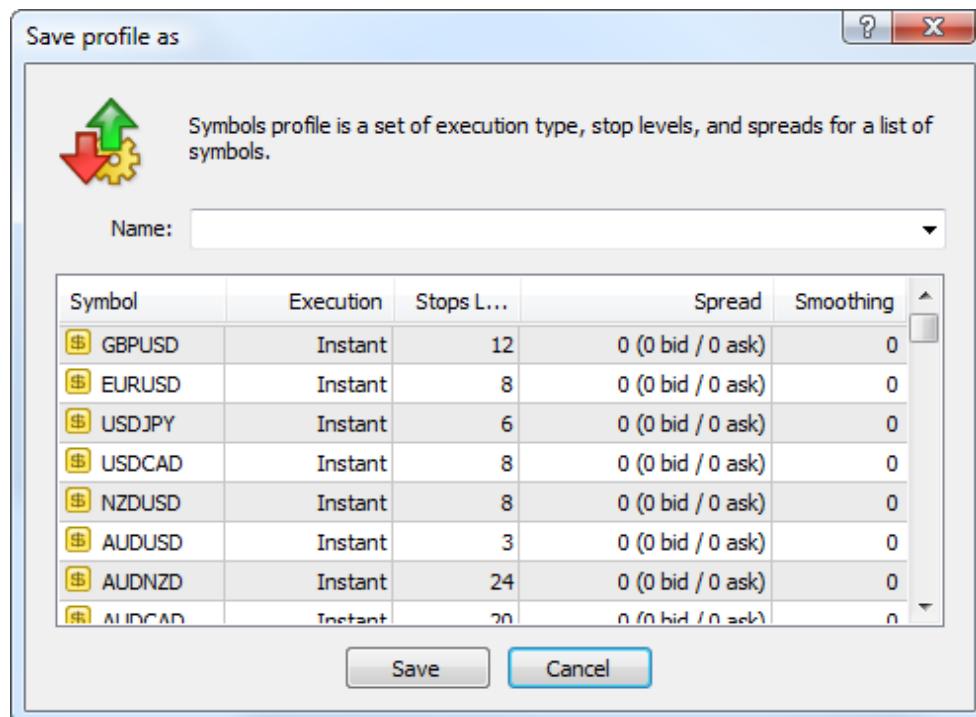
Input of Quotes



Execution of the "Quotes" command of context menu of quotation window opens the "Quotes" window allowing to input a quotation into the quotation flow from data feeds. When "Track request" options is enabled and dealer receives a new request, the symbol from the request will be selected automatically in the "Quotes" window.

Symbol Profiles

The manager terminal allows to create and store several symbol profiles having different settings to be used for different market situations. The "Save As..." command of the "Profiles" submenu allows to store the current settings of symbols selected in the quotes window as a profile having a certain name. For each symbol, the performance mode, the Limit & Stop level, spread, spread difference, smoothing and symbol background color are kept.

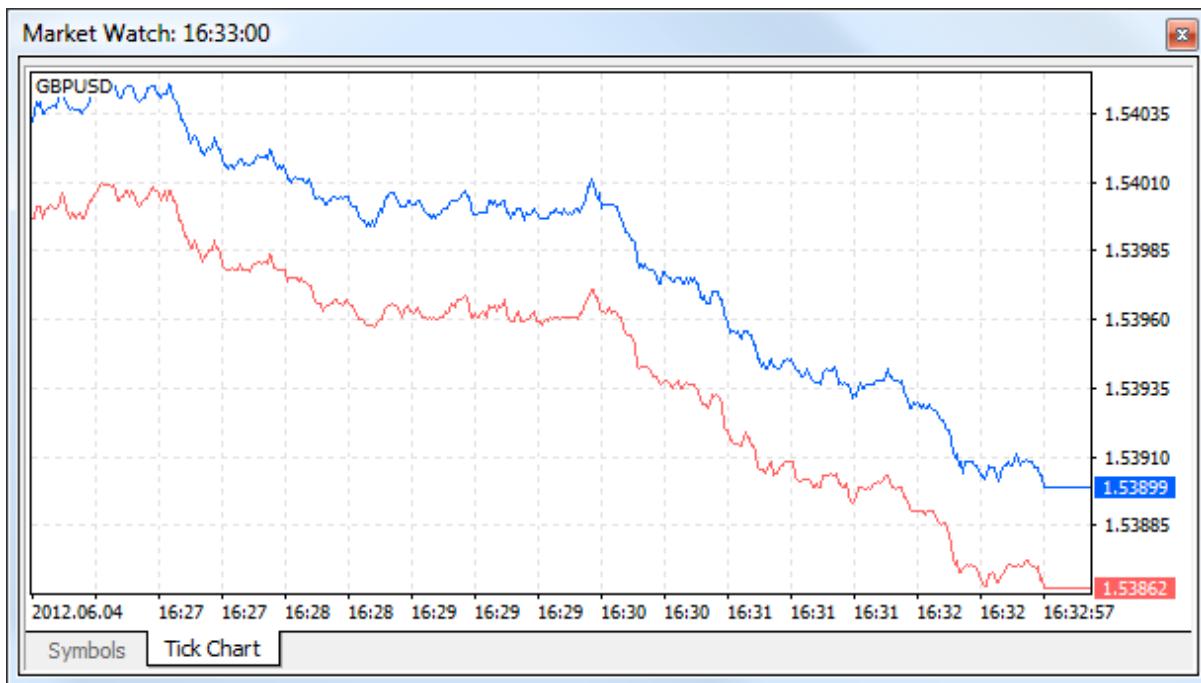


The "Remove" submenu removes a previously created profile of symbols. The symbol settings themselves are not changed at this.

If market conditions change, the selection of a profile from "Profiles" submenu allows to setup symbols properties promptly according to the parameters stored in the profile.

Tick Chart

In the "Tick Chart" tab of the "Market Watch" window, the tick chart of the symbol is displayed. Ticks for all selected symbols are saved in the Manager terminal in files "history\ticks\[symbol]\ticks.raw" of the directory where the terminal is placed. Once a week, the collected ticks are filed under the name in form of YYYYMMDD.ticks where YYYY - year, MM - month, DD - day of the week, the ticks of which are saved in the file.



The tick chart context menu allows the following commands to be executed:

Current – show the current tick chart;

Open – open the saved tick chart for the preceding weeks;

Save – save tick prices of the chart as a text file, for example, to analyze them in dispute resolutions;

Dealing – show dealer's answers on the tick chart;

Auto Scroll – enable/disable auto scrolling of the tick chart;

Crosshair – display the cursor as a crosshair;

Ask Line – show/hide ask price line;

Grid – show/hide grid.

Dragging the mouse in the area of the chart time scale, as well as pressing "+"/"-", allow to edit the chart scale.

If the auto scroll is disabled, the chart can be scrolled by dragging the mouse within the chart area or by pressing "Home", "End", "PgUp", "PgDown", or arrow keys.

If the Dealing option is enabled, the dealer's answers to trade requests are displayed in the tick chart as blue sections when executing requests at ask price or red sections when execution requests at bid price. If the cursor is displayed as a crosshair, the request descriptions are displayed near the cursor, too. In the tick chart, only dealer's confirmations of requests for opening or closing positions, requotes, and pending orders activation are shown. Rejected requests, Close-by requests, requests for placing pending orders and for order modifying are not displayed in the tick chart.

Toolbars

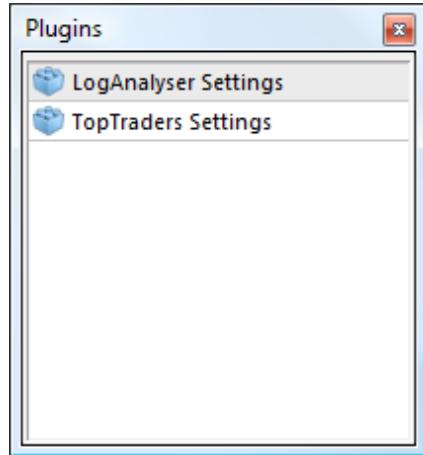
Plugins Window

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Plugins Window

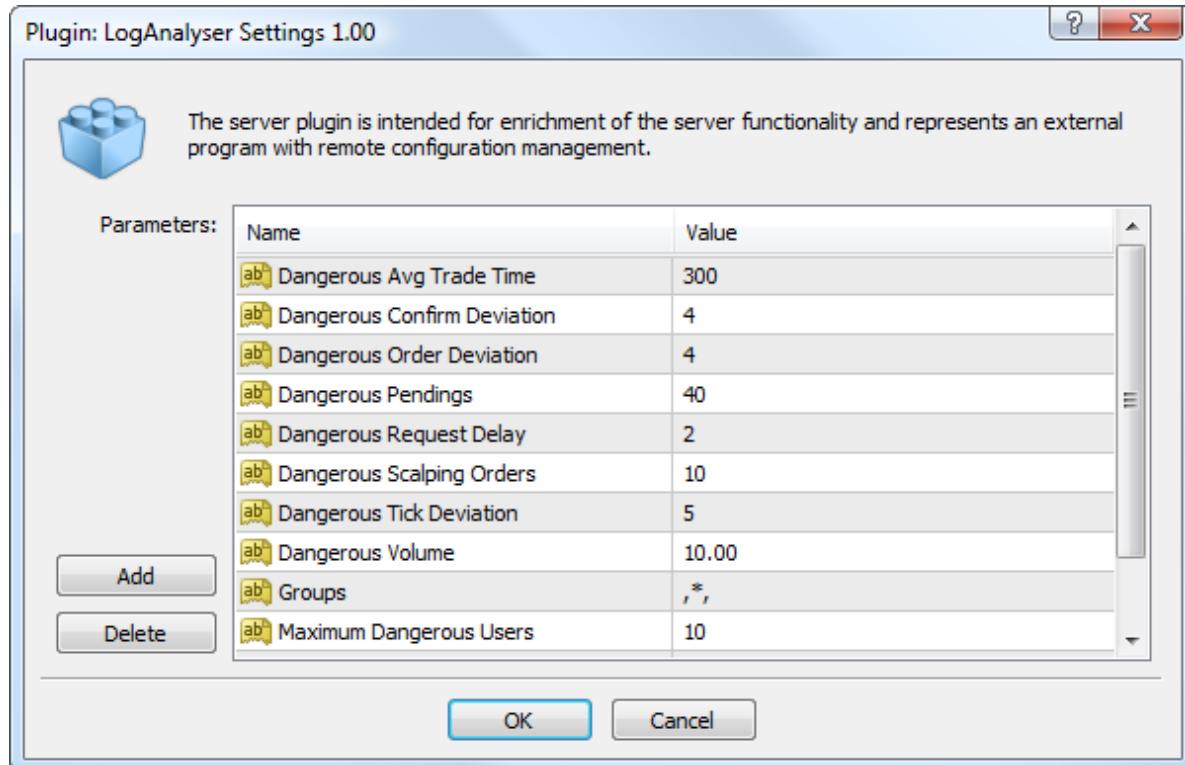
The "Plugins" window is intended for controlling of plugins—the server functionality extension modules.



For a manager to be able to configure a plugin, the "Configurable by managers" option must be enabled in the plugin configuration on the server.

Plugin settings

To change plugin settings, it is necessary to execute the "Settings" context menu command. The window with detailed settings of the plugin will appear:



Each plugin can contain a set of some parameters serving for adjustment of its operation. Current parameters are displayed in "Parameters:" of plugin. For changing value or name of the parameter, it is necessary to select a necessary field in the list using doubleclick. After changing the edited field, it is necessary to press Enter key. To add the new parameter, it is necessary to press "Add" button. To delete the selected parameter, it is necessary to press "Delete" button.

[Market Watch Window](#)[Articles](#)

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Articles

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In this section you can find links and short descriptions articles dedicated to working with the MetaTrader 4 platform.

[Common](#)[Security](#)[How to...](#)[API](#)

[Plugins Window](#)

Common

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Common

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[Tuning the MetaTrader 4 Client Terminal](#)



In this article we'll consider our clients' most often request on changing the client terminal White Label. How to change the terminal appearance? How to add one's own profiles, templates and symbol sets? How to include an additional server to the terminal? Is it possible to add one's own scripts, Expert Advisors and indicators? What is and what is not changeable in the White Label of the client terminal?

[MetaTrader 4 Mobile White Label - Perfect Investment Into Your Business Success!](#)



No marketing or PR campaign will ever produce the same convincing power, than a positive word-of-mouth message passing from one trader to another, about your company name (brand) and services in the market. MetaTrader 4 Mobile branded under your company name and logo - is an excellent tool for that!

[Implementation of NFA Compliance Rule 2-43\(b\) Requirements in MetaTrader 4](#)



On the 13th of April, 2009 NFA (National Futures Association) published new requirements for Forex brokers - NFA Compliance Rule 2-43(b). These rules come into effect on Friday, July 31, 2009. The article contains the description of new operation principles of the MetaTrader 4 platform adjusted for these requirements. The article also describes actions to be taken in order to satisfy the NFA Compliance Rule 2-43(b).

[NFA and FIFO: Deliberation about NFA Compliance Rule 2-43\(b\)](#)



On the April 13-th, 2009 NFA (National Futures Association) published the new rules for Forex brokers NFA Compliance Rule 2-43(b). The problems that will appear once the requirements of positions closing by the FIFO rule take effect are described in this article. It is impossible to fulfil the requirement of closing positions using FIFO described in NFA Compliance Rule 2-43(b) without serious changes in the functionality of MetaTrader 4 platform: any solutions found will not be complete. What do the brokers think?

[Extras for MetaTrader 4](#)



MetaTrader 4 is a complete solution for Brokerage companies. However, we have chosen to develop helpful plugins and additional components for the needs and the best service of our clients. The purpose of this article is to list all the "extra" products that are produced by MetaQuotes Software Corp. and give a briefly explanation about their use. For detailed description of all plugins and additional components please read the addressed links.

[Problems with Quotes](#)



Most problems faced by our clients when adding new data feeds result from incorrect configuration of the feeder terminal, UniDDE Connector or incorrect settings on the server side in the Datafeed section of MetaTrader Administrator. This article will help to solve these problems.

[White Label: Tips to Ordering](#)



You have just signed an agreement and are ready to start working. Or you have ordered an additional client terminal. Perhaps, your company has changed its "face". In all these cases our specialists need additional information from you. In this article you will find the detailed description of all necessary files that should be submitted to us at support@metaquotes.net.

[Quote and News Feeds for MetaTrader 4 Server](#)



The main question that almost all companies face when starting to work with MetaTrader 4 Server is "Where can we get quotes from?". In this article you will find an answer to this question.

[MetaTrader Report Server: Installation and Setup](#)



MetaTrader 4 Report Server is a tool for real-time replication of trade server bases in MySQL. This component can be useful to companies that need to generate their own reports.

[Publishing Your Articles on Our Website](#)



MetaQuotes Software Corp. invites you to become the co-author of MetaQuotes Support Center by writing original articles. To estimate the reasonability of our proposal, we are conducting a small poll.

[Starting Operations with MetaTrader 4: Our Solutions for Your Growing Business](#)



Congratulations! You have just signed the agreement, now you are ready to begin providing online trading services to your clients through online trading platform MetaTrader 4. Before you start working with your trade server, please study this article very carefully. It deals with the key stages in the technical evolution of a newly established brokerage company. Once you have read this article, you will get an insight into what kind of a company you can become in the future.

[Secrets of MetaTrader 4 Client Terminal: File Library in MetaEditor](#)



When creating custom programs, code editor is of great importance. The more functions are available in the editor, the faster and more convenient is creation of the program. Many programs are created on basis of an already existing code. Do you use an indicator or a script that does not fully suit your purposes? Download the code of this program from our website and customize it for yourselves.

[Secrets of the MetaTrader 4 Client Terminal: Indicators](#)



Are you going to write your own indicator? Perhaps you will find that what you need among indicators already embedded in the client terminal. So why to reinvent the wheel? A summary table of integrated indicators' characteristics; special features and methods of attaching indicators to a chart; building of levels; displaying of indicators on different timeframes.

[Secrets of MetaTrader 4 Client Terminal: Alerting System](#)



How to be aware of what happens in the terminal and on your account without permanent looking at the monitor. System events; custom events; wave and executable files; electronic messages; setting up SMTP server access; publications; setting up FTP server access.

[Secrets of MetaTrader 4 Client Terminal](#)



21 ways to ease the life: Latent features in MetaTrader 4 Client Terminal. Full screen; hot keys; Fast Navigation bar; minimizing windows; favorites; traffic reduction; disabling of news; symbol sets; Market Watch; templates for testing and independent charts; profiles; crosshair; electronic ruler; barwise chart paging; account history in the chart; types of pending orders; modifying of StopLoss and TakeProfit; undo deletion; chart print.

[Welcome Messages in Client Terminals](#)



Three welcome messages 'Welcome!', 'Mobile Trading - It's Easy!' and 'What Is Automated Trading?' give an idea of the terminal itself, as well as of mobile and automated trading. This knowledge helps a trader get quite a full notion of the used technologies and their practical application.

[Receiving Quotes through Universal DDE Connector 9.00](#)



Receiving quotes through the new version of Universal DDE Connector 9.00 with new automated filtration modes.

[Multiple Requests Processing in MetaTrader 4](#)

Starting with build 313 of the MetaTrader 4 Server, a new opportunity to automate clients' requests processing has appeared.

[Utility MetaTrader to XML Converter](#)

Intended for presentation of users' and orders databases as XML files. Operation principles, launching parameters of the utility and formats of generated files are described in the article.

[Setup and Use of MetaTrader 4 WatchDog](#)



MetaTrader WatchDog enhances fail-safety of the online trading platform MetaTrader 4 by synchronizing the master and the backup server in the real-time mode. Thus, technical risks are reduced and the customer services are improved.

[MetaTrader to SQL Converter](#)



Many of our clients would like to have a utility to process their users and orders databases. In this connection, we have developed MetaTrader to SQL Converter that also supports export into .sql files for MSSQL, MySQL, and Oracle.

[Exposure in MetaTrader Manager](#)



The article describes analysis of exchange-rate risks in MetaTrader Manager.

[New Server Tool: MetaTrader TopTraders](#)



An extra component has been included into MetaTrader Server as a risk management tool: MetaTrader TopTraders.

[MetaTrader Server LogAnalyser: Function and Principles of Operation](#)



MetaTrader Log Analyser (utility for automated analysis of log files), its function and principles of operation are described.

[Preset Computer for MetaTrader Server 4 Operation](#)



Stepwise description of choosing and setting computer and its operating system for a dedicated single MetaTrader Server 4.

[MetaTrader SendMail Function and Principles of Its Operation](#)



In this article description of MetaTrader SendMail, the tool for automatic mailing of group reports, is given. Also, manual operation questions are answered.

[MetaTrader 4 Server Installation](#)



This article describes installation of the MetaTrader 4 Server.

[Using MultiLanguage Pack for Translating the Program Interface](#)



Program MultiLanguage Pack allows the creation of language projects in Unicode format for each program, giving the convenient mechanism for the editing of resources: lines, the menu and dialogues.

[MetaTrader Data Center Installation](#)



One of the innovative technologies of MetaQuotes Software Corp. is the special proxy-server for client terminals - MetaTrader Data Center.

[Articles](#)[Security](#)

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Security

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[MetaTrader Servers: Setup and Administration Issues](#)



The article summarizes our experience of running and administering of trade servers. We answer the following questions here: How to choose a server? How to configure it? What software must be removed from the server to optimize its operation?

[DDoS Attack Prevention in MetaTrader System](#)



DDoS Attack Prevention in MetaTrader System: Distributed Architecture + Built-In AntiFlood Methods.

[Use of Remote Administrator for Server Maintenance](#)



Description of remote administration system - Remote Administrator, installation process and use. Recommendations related to Remote Administrator settings.

[The Use of the Server Configurator](#)



The Server Configurator is a tool that allows you to quickly optimize most settings of a Windows operating system for effective work of a single dedicated MetaTrader Server.

[Authorization on MetaTrader Server 4](#)



A detailed description of password storing and authorization procedures is given in this article.

[The Review of Crash-Log Processing](#)



The method of detection, collection, and processing of program errors is described. Importance of enabling CrashLogs-module is explained and access to liveupdate.metaquotes.net is described.

[MetaTrader LiveUpdate Overview](#)



MetaTrader LiveUpdate is an automated system ensuring the secure and efficient distribution of new software versions for the entire information trading system, MetaTrader.

Common

How to...

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How to...

[Receiving Quotes and News from IQFeed provider](#)



We've developed the new module - IQFeeder.feed that allows receiving both quotes and news from IQFeed company. The new module is available free of charge. To be able to use this data feed, first you have to contact representatives of IQFeed company to apply for subscription with them.

[Choosing a hoster provider for trade server](#)



Many companies periodically face the question of which hosting provider to choose to locate their servers at. You should be maximally attentive solving this question. Choosing the right hosting provider can affect the growth, stability and success of your company in the future. The article deals with the problems of trade and backup server configurations and location of access points, as well as with questions of server virtualization and hosting problems that may occur.

[What To Do with Accounts of Inactive Clients](#)



The constant growth of trade bases can affect the performance of the entire MetaTrader 4 trading platform. To solve this question, use the function of moving client bases with all trades to an archive in MetaTrader 4 Server. Archive clients and their orders can be requested from the MetaTrader 4 Administrator and can be restored if necessary. Moving bases to the archive helps to free the trade server from old and invalid data, which has a positive effect on the performance of all components of the trading platform.

[Universal Filter: Installation and Setup](#)



MetaTrader Universal Filter is a specialized utility for the filtration of quotes coming from different feeders. As a filtration algorithm a mechanism borrowed from UniDDE Connector is used.

[Video: MetaTrader 4 Server Installation and Setup](#)



The video instruction describes the process of MetaTrader 4 Server installation and its initial setup in MetaTrader 4 Administrator.



[Video: Preparing Computer for MetaTrader 4 Server Installation](#)

A video instruction about how to prepare a computer for MetaTrader 4 Server installation is published. The material is an addition to the previously published article "Preset Computer for MetaTrader Server 4 Operation".

[How to Use the Support Site Efficiently](#)



How to solve problems appearing when working with the trading platform? Whom and in what cases should one call? How to get the additional access to the support site?



[MetaTrader 4 Server Transfer to Forex Symbols Having Five Decimal Places](#)

In the latest builds of MetaTrader 4, the correct support of symbols having five decimal places is implemented. The article describes basic steps to be made in order to transfer the MetaTrader 4 Server to work with Forex symbols having five decimal places.

[How to Lose Money without Protective Limit & Stop Level and Freeze Level?](#)



Everyone must be aware of it. How to lose money without protective Limit & Stop Level and Freeze Level? Protection mechanisms from pip-traders in the standard configurations of the server.

[Calculation of Swaps in MetaTrader 4](#)

The article provides definition of swap in FOREX market, demonstrates formulas of swaps calculation. The attached file contains an exemplary calculation of swaps for some currencies.

[Account Registration Message Templates](#)



Starting with build 296, MetaTrader Server 4 allows to set up messages of the internal mailing system to be sent to the client at opening of an account. At that, one can use specialized message templates in HTML format and compose account registration messages not only in English, but in any other language!

[MetaTrader 4 Server Transfer](#)



The sequence of operations of transferring MetaTrader 4 Server from one dedicated server to another one is described.

[Security](#)[API](#)

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[MetaTrader 4 Server API: Work with Trade Functions and Hooks](#)

This article contains examples of working with positions and pending orders that allow you to fully or partially change the trading logics of the server. Besides that, the article contains the detailed description of step-by-step actions of the trade server when trade hooks are called. First of all, this article will be useful for developers of plug-ins to help implement the correct processing of trade orders and positions. This article is also useful for trade server administrators to help them understand the operating principles of plug-ins installed on the server.

[Generation of Server Reports according to NFA Requirements](#)



NFA's new capital requirements for Forex Dealer Members registered in the USA became effective on December 21, 2007. In this connection, our company has developed a server plug-in named "NFA Reports" to gather and store all necessary information.

[Automated Depositing of Clients' Funds through PayPal](#)



The article describes the characteristics and settings of the server plugin PayPal Deposit, used for integration with PayPal service.

[Additional Daily Reports of the Server](#)



The article describes server plugins to generate additional daily server reports.

[Receiving Quotes via UBS Connector](#)



The article describes how to install the specially designed component named UBS Connector and how to set up the MetaTrader 4 Server to receive quotes from UBS.

[MetaTrader 4 Server API: Processing Traders' Requests, Pending Orders and Stop Orders](#)



The article contains the schemes of processing traders' requests in different modes of execution (Instant Execution, Request Execution and Market Execution) and modes of processing actuated pending orders and stop orders.

[MetaTrader 4 Server API: Additional Functions and Hooks](#)



The article contains a list of MetaTrader 4 Server API additional hooks and functions that can help to enhance the server functionality.

[Automated Depositing of Clients' Funds through WebMoney](#)



The article describes the characteristics and settings of the server plugin WebMoney Deposit, used for integration with Merchant WebMoney Transfer service.

[Server Plugin: AgentCommission](#)



The article describes and gives exemplary realization of server plugin named AgentCommission that allows to set a flexible logic for calculation of agent's commissions.

[MetaTrader 4 Server API: Client Functions and Hooks](#)



The article contains the list of client functions and hooks of the MetaTrader 4 Server API. They can be used to advance the server functionality for working with customers.

[Server Plugin WebRegistration](#)



The WebRegistration plugin allows to create accounts via Telnet with the MetaTrader Server and to implement the web-server interface for creation of client accounts.

[Server Plugin Stopouts](#)

The plugin allows to modify standard closing of client's positions at stopouts: Instead of closing the most



unprofitable position by the server, all client's positions will be closed. The plugin is available in source codes as an exemplary use of MetaTrader Server API.

[FSA Markets Transaction Report Plugin](#)



The server plugin FSA Markets Transaction Report is designed for the automated generation of FSA reports at the end of the workday.

[Server Plugin Description: DealerHelper](#)



The plugin named DealerHelper is one of the Server API samples and intended for partial automation of the dealer's activities.

[MetaTrader 4 Server API: Hooks and Trade Functions](#)



MetaTrader 4 Server API: Hooks and Trade Functions

[MetaTrader Manager Report API](#)



Report API, a standard interface for writing own Manager Terminal reports, is described.

[Server Plugin: Client Profits and Volumes](#)



This article gives an example of server plugin named Client Profits and Volumes that, using synthetic symbols, accumulates customer trade statistics: non-realized profit/loss and volume of open client positions.

[Use of MetaTrader 4 Manager API](#)



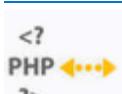
Using Manager API, you can construct your own administrator's and manager's utilities and tools.

[What is MetaTrader Server API?](#)



What is MetaTrader Server API? It is a large amount of functions to be intercepted, description of data structures used, and virtual interface of the trading server. To make the most of these functions, special plugins in the form of DLL files must be written.

[WebServices: Traders' Contest Organization](#)



Traders' contest organization: set of PHP-scripts, description of web-service API.

[WebServices: API Commands](#)



API commands description, example of a PHP-script.

[WebServices: Access to Account](#)



Trader's private room structuring: the set of PHP scripts, description of web-service APIs.

[WebServices: Charts Publication](#)



The technique of periodical chart generation using the built-in 'mtchartdraw.exe' utility is described. The utility makes it possible to create a set of various charts and send them automatically to the website through FTP.

[WebServices: Quotes on the Site](#)



Publishing quotes to the site: example of an informer, set of PHP scripts, description of web-service API.

[DataFeed API: Writing Your Own Data Sources](#)



How to write your own data sources using DataFeed API — a short guide with examples.

How to...

Client terminal

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