

BrainTrading® Solutions

MetaTrader User Guide

Meta Trader: Opening an account

After program installation during the first start you will be proposed to open a demo account.

The screenshot shows the 'Open an account' dialog box. The title bar reads 'Open an account'. The main heading is 'MetaTrader' in a large, stylized font. Below this, a message states: 'To open an account, please complete all the following fields in English:'. The form includes the following fields and values: Name: John Smith; Country: USA; State: NY; City: NY; Zip code: 666666; Address: 25th st.; Phone: 5551234; Email: john@smith.com; Leverage: 1:100; Account Type: forex; Deposit: 5000 \$. A dropdown menu for 'Account Type' is open, showing 'forex' and 'miniforex' options. At the bottom left, there is a checked checkbox for 'I accept to subscribe into your news letters'. A 'Register >>' button is located at the bottom right.

The demo account allows you to work at the selected server in the training mode during some time and to estimate the quality of the connection to the server. The demo account does not realize the real trading, but it registers your trading operations. It allows to work out your trading strategy more qualitatively than on paper. To open the demo account it is necessary to fill in all the fields with the real data. In another case, the account can be deleted by the administrator. When filling in the form you can choose the value of the leverage (**Leverage**). You can indicate the size of the initial deposit in the **Deposit** field. It would be reasonable to indicate the amount close to that you are planning to apply for the real account. You can choose the account type (the **Account Type** field):

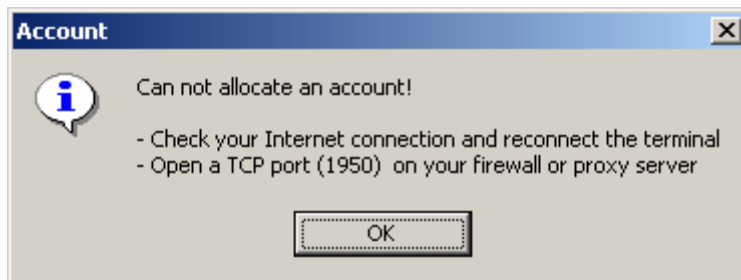
- Forex — open the demo account at FOREX;
- MiniForex — open a demo account to work at mini-Forex;


You also must tick the **I accept to subscribe into your news letters**. In the other case, the Register button will be inactive. Click the **Register** button.

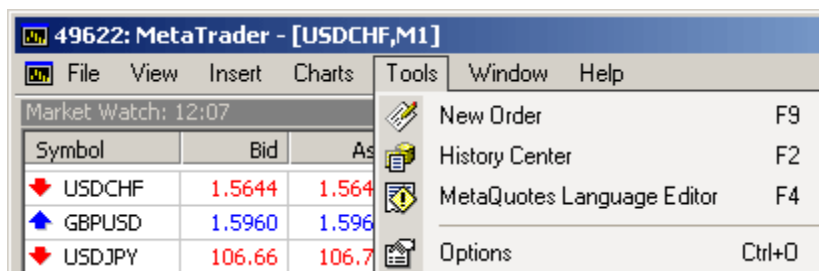
In the case of successful demo account registration, the window with the login and password will appear.



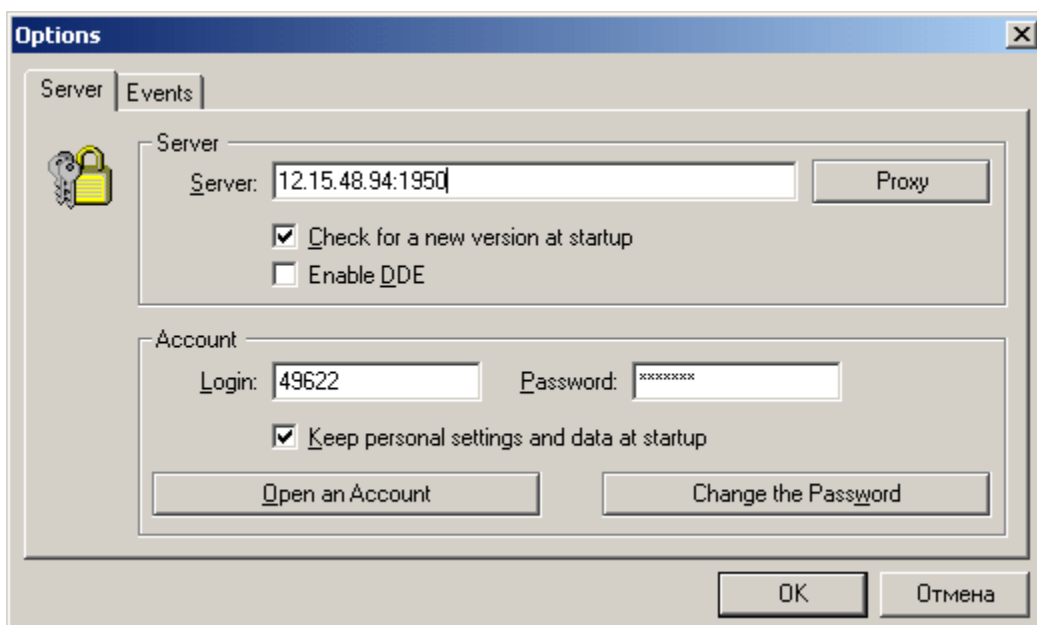
If a new demo account was not registered successfully, the message **Can not allocate an account!** will appear.



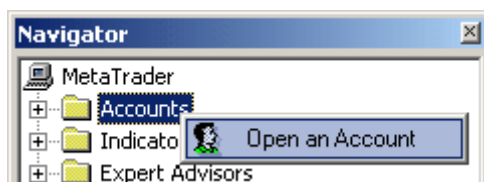
In this case, it is recommended to check the Internet connection and to check the client terminal options. You can open a demo account by selecting the **Tools —> Options** menu, by key combination **Ctrl-O** or by clicking the button : 



The window will appear:




Select **Open an Account**. You can open an account from the **Navigator** window by selecting the **Accounts**, by clicking the right mouse button and by selecting **Open an Account** from the scroll-down menu.

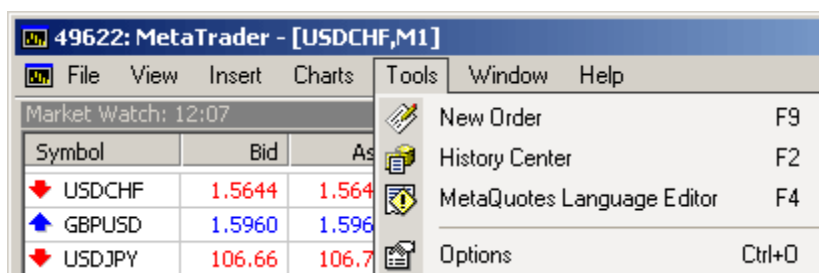


Demo accounts give the same opportunities as real accounts, differing only by the fact that they are quoted by the server and their requests are answered quicker.

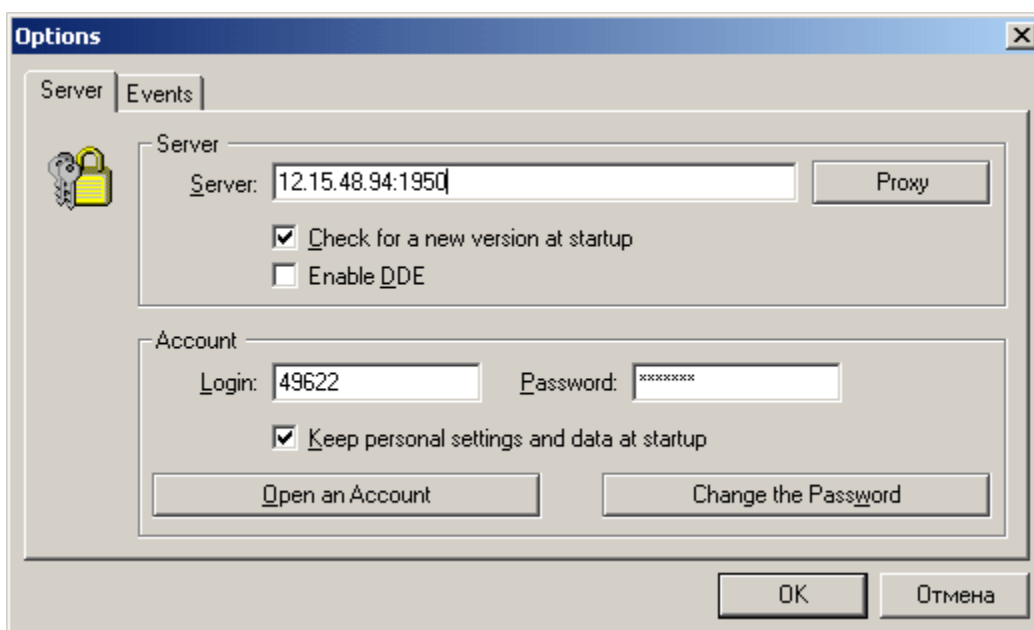
Meta Trader: server and account settings, events setup, authorization

Server and account settings

To set the client terminal you should select **Tools** –> **Options** menu or by using the key combination **Ctrl-O** or by clicking the button: 



Following window will appear:



If you want to connect the client terminal to the server you should know the IP address or domain name of the MetaTrader server. The connection to the server is made through port 1950. It should be written "address: 1950" in the **Server** field.

When ticking **Enable DDE** the quotes coming to MetaTrader are translated outside through the dynamic data

exchange protocol. You can see an example of the terminal use for MS Excel in the DDE Sample file (MetaTrader program group).

The account number (or login) and password should be indicated in the account settings. This information will be saved in your computer memory if you tick the **Keep personal settings and data** option.

Warning! ! DO NOT KEEP THIS OPTION ENABLED WHEN WORKING WITH A REAL ACCOUNT AT THE COMPUTER AVAILABLE FOR OTHER PEOPLE.

Changing Password

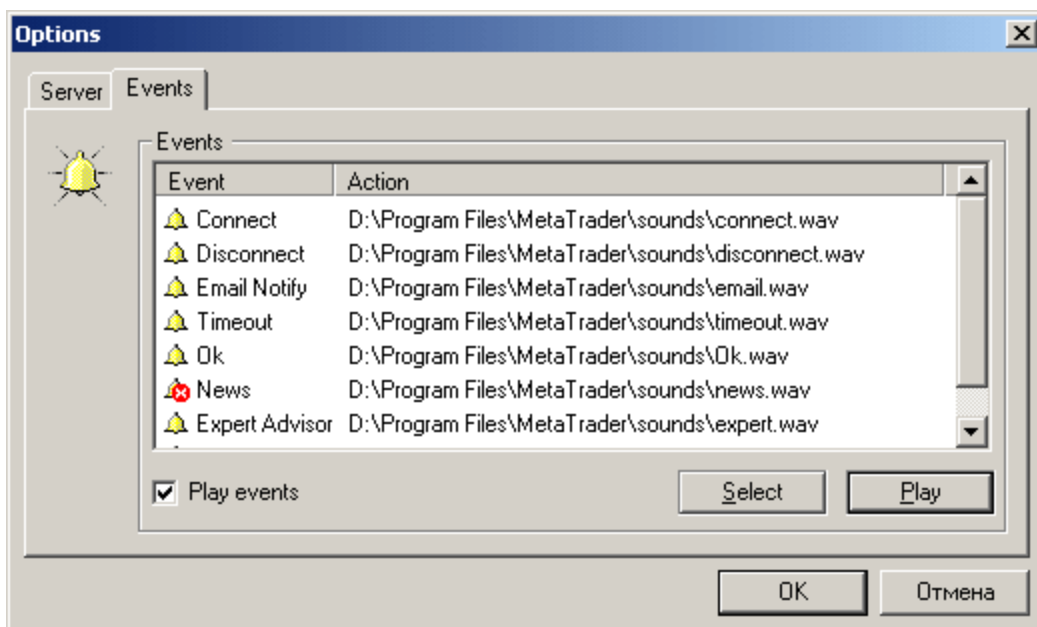
You can change your password from the server settings window after clicking the **Change the Password** button.



To change your password, you should enter the existing password and then enter your new password twice (to check the entry accuracy). It is necessary to note down your new password in a proof place.

Events setup

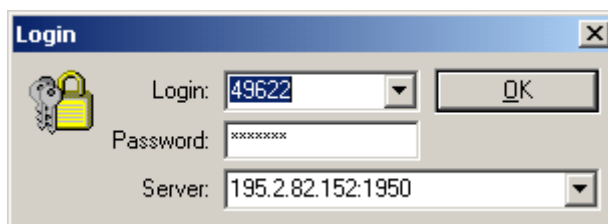
The event setting is specifying a special sound for each event (i.e., a audio file having the WAV extension or other file which can be performed in operation system). To disable the sound (to prevent performing of the files selected) delete the tick from the **Play events** field.



- **Play events** - notifications on/off;
- **Select** - select the file to be notified;
- **Play** - play the sound notification/run the notifying application.


Authorization

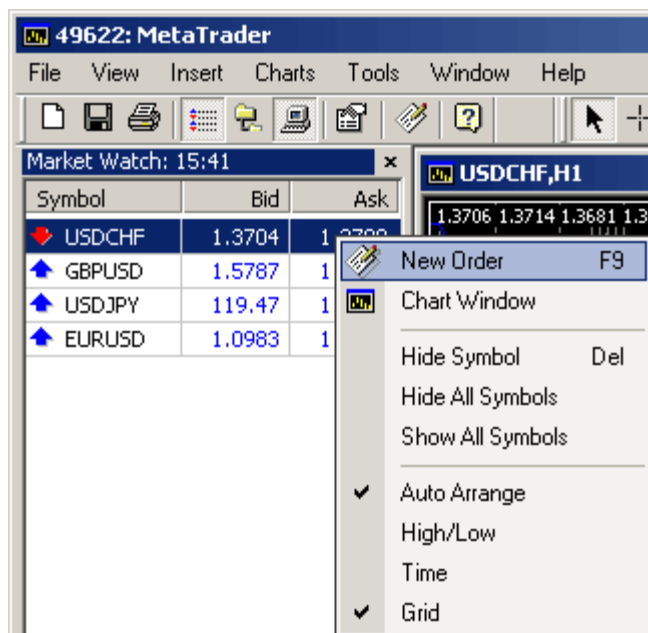
Authorization, i.e. passworded access to the account, can be performed automatically in the case, when the personal data were stored. Should not the personal data be kept in memory the start working at the client terminal will propose to connect the account which you finished working at during the last session.



Authorization can also be performed from the **Navigator** window of the contextual menu of the **Accounts** group. So, you can switch from one account to another. There is an opportunity to select one of the active accounts if necessary. You should enter the current password, be sure of the accuracy of the trading server address and click the **OK** button.

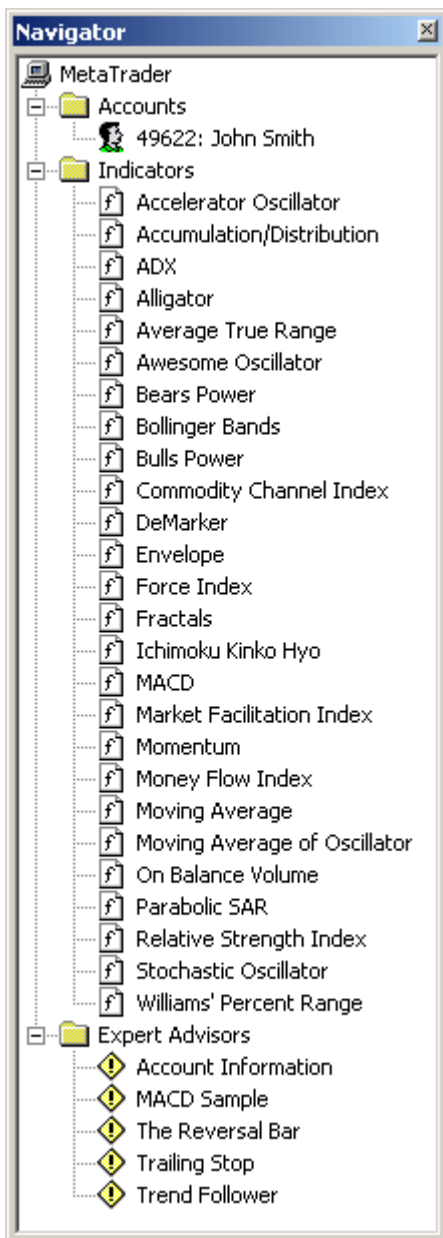
Market Watch


The quotes window **Market watch** is a service window along with the **Navigator** window and with the **Terminal**. This window can be enabled/disabled by pushing the key combination **Ctrl — M** from the main menu **View —> Market Watch** or by clicking the button  of the toolbar.



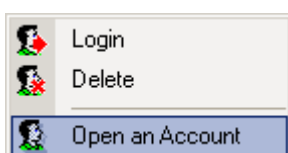
The list of the instruments selected is placed in the **Market Watch** window. This list may be empty at first. When clicking with the right mouse button the area of this list, the contextual menu will appear where you can select the **Show All Symbols** line. In this case, all accessible instrument will be included into the list. The quotes on these instruments will come in the **bid; ask; high; low; time** format. To minimize the traffic you can exclude some instruments from your Market Watch with the aid of a contextual menu having selected **Hide Symbol** or by clicking the **Del** button. In this case, the quotes will come only for the instruments selected. You can change the quotes window view with the aid of instructions placed at the bottom of the contextual menu. Open the chart window on the instrument you need (**Chart Window**) from the contextual menu. When selecting the **New Order** command either by clicking **F9** or by double clicking the instrument selected, the form to expose the order will be shown.

Meta Trader: Navigator



The **Navigator** window is a service window along with the **Market Watch** window and with the **Terminal**. This window can be enabled/disabled by using the key combination **Ctrl — N** from the main menu **View —> Navigator** or by clicking the button  on the toolbar.

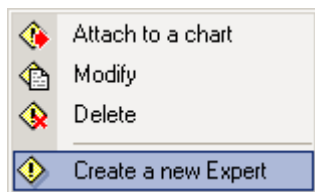
The Navigator window allows to get a quick access to different functions of the program. There are 3 groups in the window: **Accounts**, **Indicators** and **Expert Advisors** which can be opened by clicking with the left mouse button at the + sign near the corresponding group. There is a list of the accessible clients accounts in the **Accounts** group. Clicking with the right mouse button at the group will allow to open a new demo account. Double clicking with the left mouse button at one of the accessible accounts allows to switch from one account to another one.



It can also be done from the contextual menu which can be opened by clicking the right mouse button and clicking on the **Open an Account**. You can also activate the account selected by clicking the Login. And you can delete the account selected by clicking **Delete**.

There is a list of technical indicators available in the **Indicators** group. This group does not have a contextual menu. You can add the selected indicator to the current chart by double clicking with the left mouse button. You can also insert indicators to the chart (or delete them from the chart) from the main menu (**Insert** —> **Indicators**) or from the contextual menu of the chart.

The Expert Advisors group includes a list of the so-called **Expert Advisors** available. The Expert Advisor is a program written in **MetaQuotes Language II** realizing a trading strategy. The advisor has an access to the trading terminal data and can deal automatically.



You can create a new expert (**Create a new Expert**), delete the selected expert (**Delete**), modify it (**Modify**) or attach it to the chart (**Attach to a Chart**) with the aid of the contextual menu.

When creating a new expert or modifying an existing expert, the MetaEditor will appear. This editor possesses all necessary abilities to program trading strategies.

If the experts items are red it means that their actions are forbidden by the server. You will have to request the explanations from the company you opened your account in.

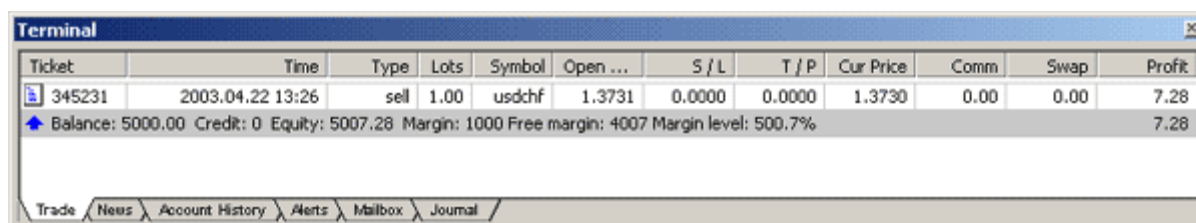
Meta Trader: Terminal

The **Terminal** window is one of the service windows of the clients terminal along with the **Market Watch** and the **Navigator**. This window can be enabled/disabled from the main menu (**View** — **Terminal**),

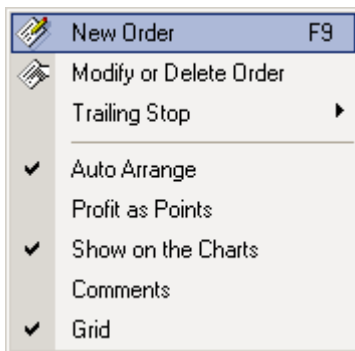
by pushing the key combination **Ctrl** — **T** or by clicking the button  of the toolbar.

The information shown in the terminal is grouped into several sections:

Trade

A screenshot of the MetaTrader Terminal window. The window title is 'Terminal'. It displays a table of trade data and account information. The table has columns for Ticket, Time, Type, Lots, Symbol, Open Price, S/L, T/P, Cur Price, Comm, Swap, and Profit. The first row shows a trade with ticket 345231, time 2003.04.22 13:26, type sell, lots 1.00, symbol usdchf, open price 1.3731, S/L 0.0000, T/P 0.0000, cur price 1.3730, comm 0.00, swap 0.00, and profit 7.28. Below the table, there is a summary of account information: Balance: 5000.00, Credit: 0, Equity: 5007.28, Margin: 1000, Free margin: 4007, Margin level: 500.7%, and Profit: 7.28. At the bottom of the window, there is a navigation bar with buttons for Trade, News, Account History, Alerts, Mailbox, and Journal.

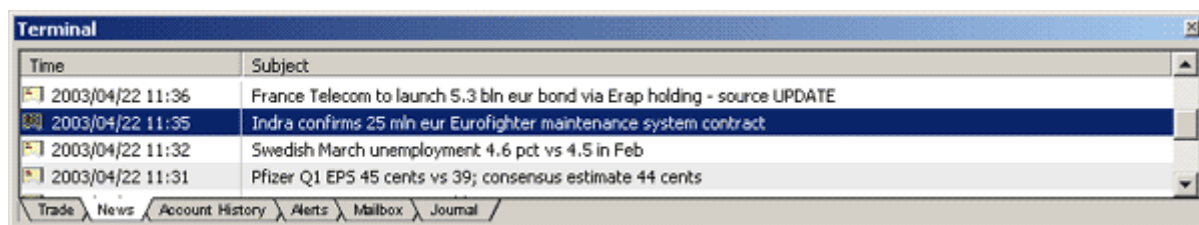
In the **Trade** section, you can find the information on the current status of your account and the list of open positions and pending orders.



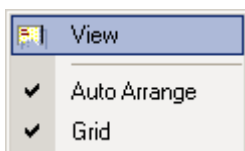
The following clauses are available in the contextual menu:

- **New order** — open the dialogue box for setting the orders;
- **Modify or Delete Order** — modify the levels of Stop Loss or Take Profit, change the level of the Pending Order, delete the pending order;
- **Trailing Stop** — change the Trailing Stop level. Select the value of Trailing Stop (from **15** to **80** pips) in the sub-menu, or **None** to deactivate the Trailing Stop function for the selected order, or **Delete All** to deactivate the Trailing Stop function for all orders;
- **Auto Arrange** — automatic setting of the columns when changing the trading terminal window size;
- **Profit as Points** — show the profit/loss in pips or in dollars;
- **Show on the Charts** — show/hide levels of the open positions, pending orders, etc. on the chart;
- **Comments** — show/hide the **Comments** column;
- **Grid** — show/hide the grid to separate the columns from each other.

News



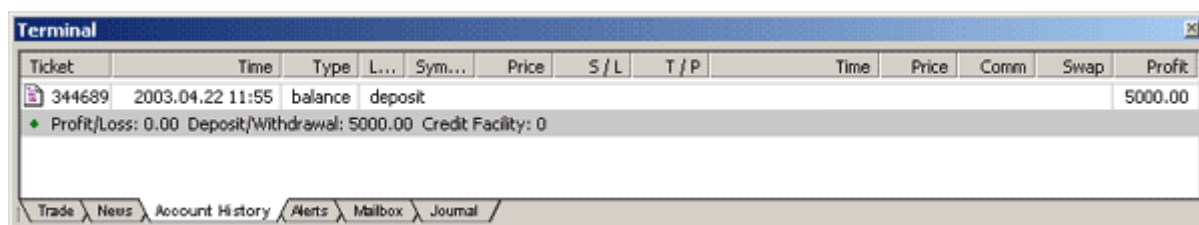
The **News** section includes the list of the news come during the session.



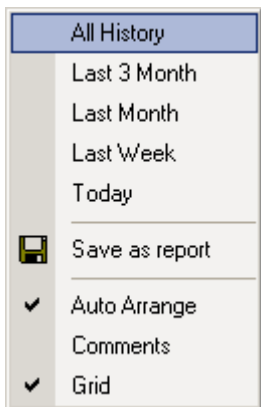
A news can be read by double clicking it with the left mouse button, or by using the contextual menu, selecting the **View** item.

- **Auto Arrange** — automatic arrangement of the column size when changing the trading terminal window size;
- **Grid** — show/hide the grid to separate the columns from each other.

Account history



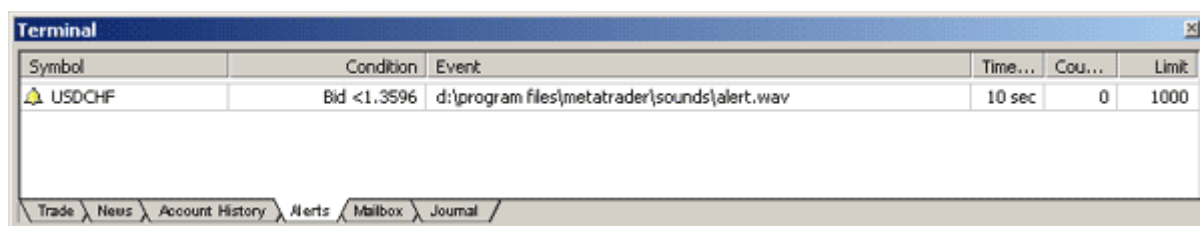
The list of the deals made on the current account is placed In the **Account history** section.



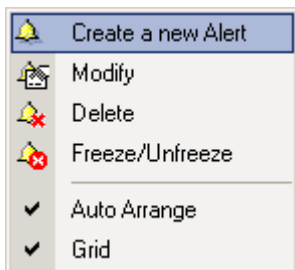
Using the contextual menu you can filter the list of operations.

- **All History**;
- **Last 3 Month**;
- **Last Month**;
- **Last Week**;
- or only **Today**'s history can be shown;
- The current list can also be stored on the hard disk as a report in HTML format with the aid of contextual menu (**Save as Report**);
- **Auto Arrange** — automatic arrangement of the columns when the trading terminal window size is changed;
- **Comments** — show/hide the **Comments** column;
- **Grid** — show/hide the grid to separate columns from each other.

Alerts



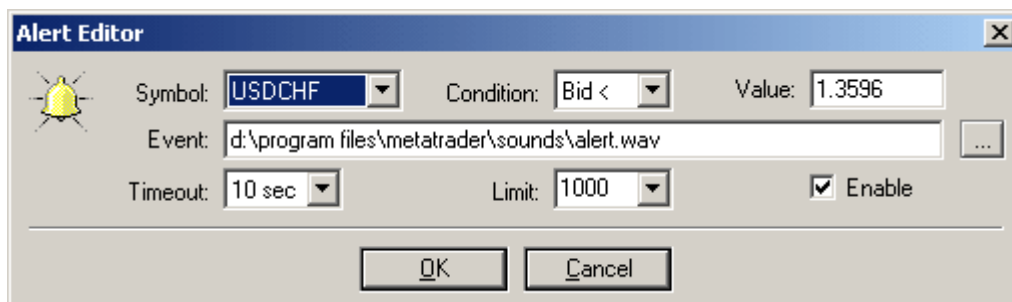
The list of the defined signals is in the **Alerts** section. Having defined the signal, a trader can easily leave the monitor. The MetaTrader will alert the trader by giving out a sound signal or by realizing an .exe file that some condition was performed.



The contextual menu includes the following clauses:

- **Create a new Alert**;
- **Modify** already existing alert (same as double clicking on alert);
- **Delete** existing alert;
- **Last Week**;
- **Freeze/Unfreeze** — the same as on/off alert;
- **Auto Arrange** — automatic arrangement of the column width;
- **Grid** — show/hide the grid to separate columns from each other.

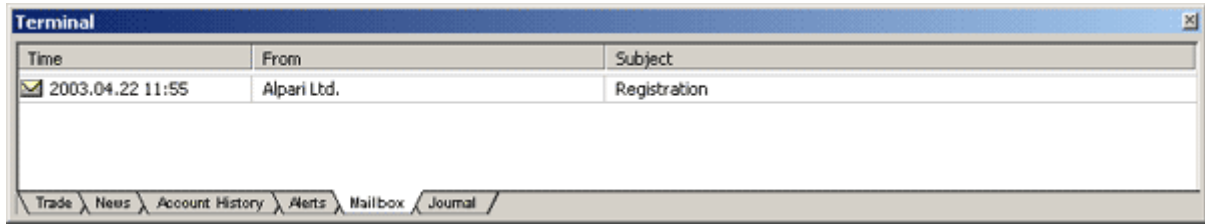
You can indicate any file type registered in Windows (wav, exe, etc.) as an event for alert to react.



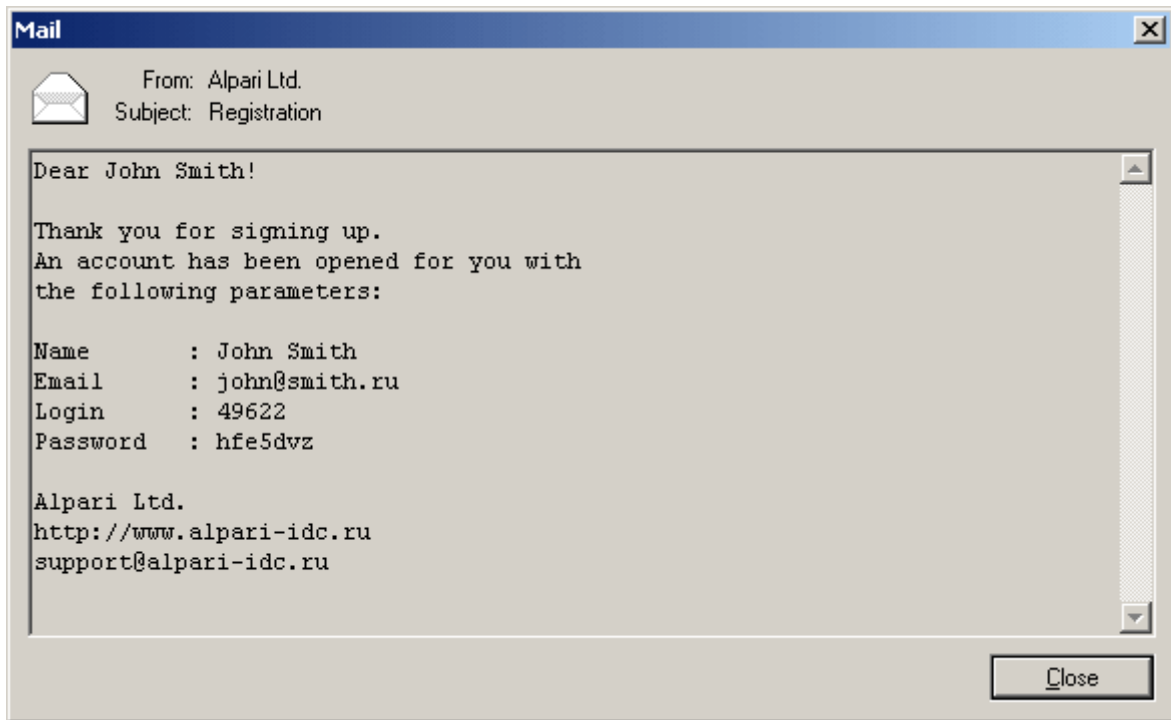
- **Symbol** — instrument;
- **Condition** — (time, bid<, bid>, ask<, ask>);
- **Value** — relates to the condition;
- **Event** — event which will happen in the case of performing the condition;

- Enable — enable/disable the alert.

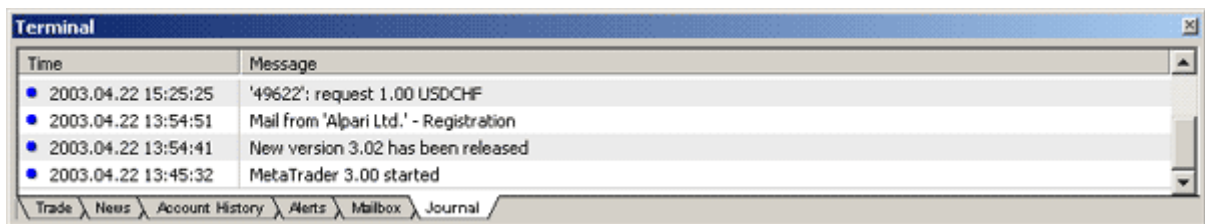
Mailbox



The list of all messages come from the server is in the **Mailbox** section. The content of the message can be shown (**View**) or the letter can be deleted (**Delete**) by using a contextual menu. You can also view the content of the message by double clicking the left mouse button on the selected message.



Journal



The list of users and client terminal actions fixed during the current session is in the **Journal** section. Deals, the used advisor experts, information on their operation, information on the operation of the client terminal are all fixed. It means, the whole important information is fixed.

Meta Trader: Charts

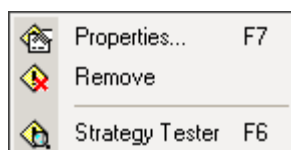
Chart`s setup

The chart setting can be performed by using the contextual menu, by hot keys, and by commands from the **Charts** bar.

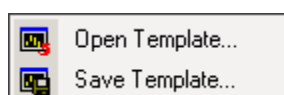
The tasks of the chart contextual menu clauses (to be opened by clicking the right mouse button in the chart window):



- **Indicators** — opening the window of **Indicators**;
- **Expert Advisor** — the menu of the lower level will appear where you can change the settings (**Properties...**), delete (**Remove**) or test the history (**Test Strategy**) of the expert attached:



- **Periodicity** — selecting the periods of time for the chart;
- **Template** — the menu of the lower level will appear where you can load a pre-saved chart template (settings and indicators) (**Open Template**) or save the chart settings as a template (**Save Template**):

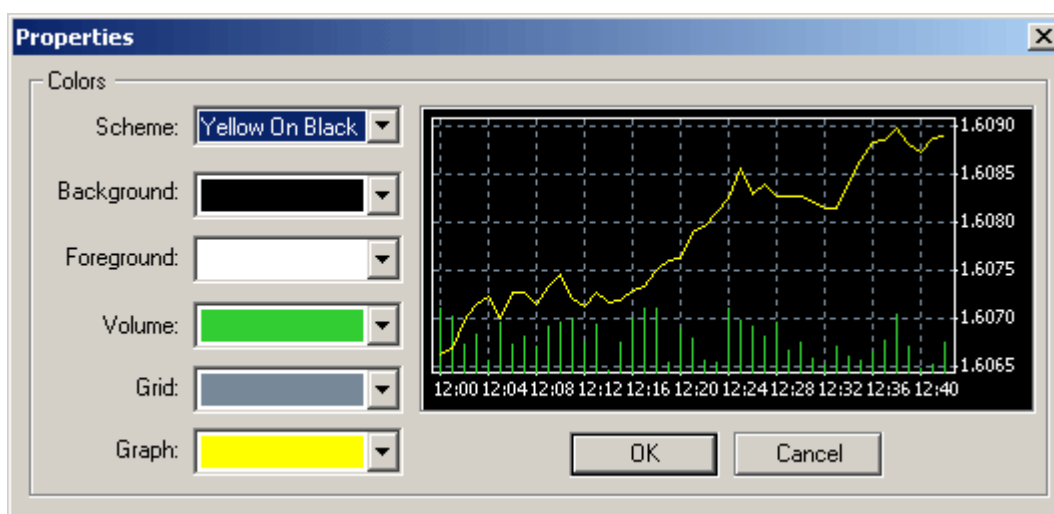


- **Refresh** — the menu of the lower level will appear where you can both refresh the chart (**Refresh**) and refresh the chart with simultaneous erasing of the local quotes base (the new quotes base to be downloaded from the server) (**Erase & Refresh**):



- **Auto Arrange** — arrange indicators in the chart;
- **Grid** — show/hide the grid in the chart;
- **Volumes** — show/hide the chart of volumes;
- **Zoom In** — enlarge the chart;
- **Zoom Out** — miniaturize the chart;
- **Delete Indicator** — (active only when the mouse clicked on the indicator shown under the price chart);
- **Save as** — save the chart in the disk in the selected format (*.CSV,*.PRN,*.HTM);
- **Print Preview** — preview before printing;
- **Print** — print the chart;
- **Properties..** — different windows will be shown depending on the point where the mouse clicked:

1. When clicking in the empty space of the chart:



You can choose between three standard color schemes in this window by selecting the **Scheme** value, or you can set the chart colors according to your taste:

- **Background** — the background color;
- **Foreground** — the color of time scale and that of price scale;
- **Volume** — the color of the volume chart;
- **Grid** — the grid color;
- **Graph** — price charts color.

2. When clicking in the chart in a separate field with the indicator enabled:

Window with settings of this **Indicators** setup will appear.

Hot keys to work at the chart window:

- cursor arrows **Left** and **Right** arrows — scroll the chart to the right and to the left;
- **Home** and **End** allow to move to the beginning and to the ending parts of the chart;
- + and - — will enlarge or miniaturize the chart;
- **Alt+1** — show the chart as Bars;
- **Alt+2** — show the chart as Candelsticks;

- **Alt+3** — show the chart as Lines;
- **Ctrl+G** — grid on/off;
- **Ctrl+L** — volume on/off;
- **Ctrl+A** — auto arrangement of indicators;
- **Ctrl+I** — open the window of indicators;
- **Ctrl+S** — save the chart in the selected format (*.HST,*.CSV,*.PRN,*.HTM);
- **Ctrl+P** — print chart in black-white colors;
- **Delete** — delete the last added object in the chart;
- **Backspace** — deleting the last added object;
- **F7** — opens the window of the active expert setting;
- **F8** — opens the window of the chart or indicator setting.

How to work on the chart using your mouse:

- you can move the chart in different directions by clicking the left mouse button and moving it horizontally;
- you can change the vertical scale of the chart by clicking the left mouse button in the chart price field and moving it vertically;
- you can change the horizontal scale of the chart by clicking the left mouse button in the chart date field and moving it horizontally;
- you can open the contextual menu by clicking the right mouse button on the chart;
- you can select an object by double clicking the left mouse button on it (trend, line, symbol, fibonacci);
- you can edit the selected object by clicking the left mouse button on the selected object and then moving it;
- **Ctrl** + clicking the left mouse button on the selected trend with the following moving of it allows to create a parallel trend;
- you can open the object setting window by clicking the right mouse button on the selected object.




Charts bar







The **Charts** bar is made as a floating window which can be attached to the left, right or low margin of the program window.



Using the Charts, you can:

- Change the chart type for:

-  — Bar;
-  — Candelesticks;
-  — Line;


-  — Zoom in;
-  — Zoom out;
-  — Open the template by default (chart settings and indicators set);
-  — Save the template by default (chart settings and indicators set);
- When the button  is clicked after a new quote has come, the chart will be automatically replaced to the left to such extent that the chart right margin can be seen well;
- When the button  is clicked, the right margin of the chart is not attached to the right side of the window, but it is in the middle of the window;











- The clicked button  allows to use the experts.


Graphical instruments

You can add different symbols and lines to the chart. You can use the **Insert** menu or buttons of the bar to add lines and symbols. You can delete lines and symbols one by one, starting with the one added as the latest, by using the **BackSpace** button or by the **Charts** menu. You can also delete all the lines and symbols by the **Charts** menu. You can also edit the objects by the following way: you should select them by double clicking the mouse, click the right mouse button, and select **Properties** (the selected object can also be moved and deleted out of turn). You should note that the current selected object will not be unselected when selecting the next one: it should be unselected by repeated double click, otherwise, when you select the object editing you will have to fill in the properties of all objects selected. The selected objects can be moved independently from each other. The **Line Studies** bar is performed as a floating window which can be attached to the left, right or low margin of the program window.



 — the **Crosshair** allows to position the mouse cursor exactly in the chart. You can add the following elements to the chart using the **Line Studies** bar:

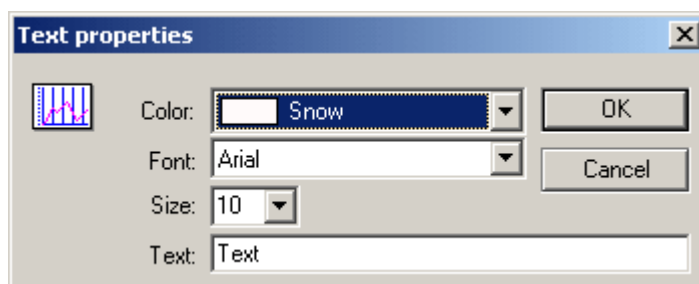
-  — Vertical Line;
-  — Horizontal Line;
-  — Trend Line;
-  — Andrews' Pitchfork;
-  — Gann Fan;
-  — Fibonacci Fan;
-  — Fibonacci Arcs;
-  — Fibonacci Retracement;
-  — Symbols;
-  — Text;

To add a vertical or horizontal line, select the corresponding button of the **Line Studies** bar and click the left mouse button at the desirable place in the chart. To add the trend line or Fibonacci retracement select the corresponding button of the Line Studies bar, then click the left mouse button (and do not leave it) at the first point of the trend (at the point of the start moving for retracement), move the cursor to the second point of the trend (to the point of stop moving for retracement) and leave the left mouse button. To make the canal line, push **Ctrl + click the left mouse button at the selected trend**. Move the mouse without leaving the button on it. A new trend parallel the selected one will follow the cursor. To add the symbol you should click the button . An auxiliary menu will appear:



Select the desirable symbol. Then click at the desirable place of the chart.
To add the text in the chart:

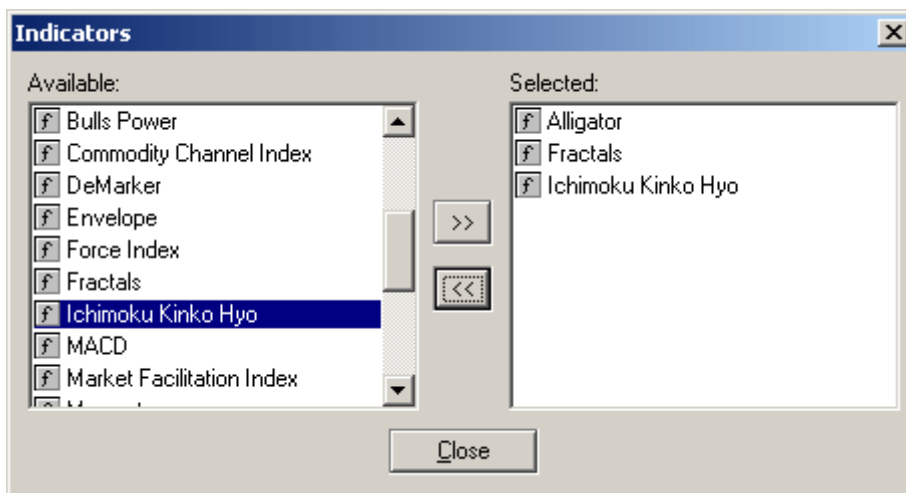
- click the button **A**;
- click in the desirable place of the chart;
- double click the appeared inscription **Text**, the outline around the inscription will appear;
- click the right mouse button above the inscription and select the **Properties...** in the menu :



- edit the inscription properties. The **Text** property is responsible for the inscription text. Having edited press the **OK**;
- double click the mouse at the inscription to unselect it. The outline should disappear.

Indicators

You can add indicators of the technical analysis to the chart using the **Navigator** window, or indicators window (menu **Insert** —> **Indicators**, Ctrl+I) or from the contextual menu of the chart window having selected **Indicators**. The indicators window:



All indicators available in MetaTrader are in the **Available** group, and those you want to see in the chart are in the **Selected** group. To add an indicator to the chart, select it in the **Available** group and click the **>>** button. The indicator setting window will appear. Set its parameters (if necessary) and click the **OK** button. The indicator will appear in the **Selected** group. After the indicators window has been closed this indicator will appear in the chart. To delete an indicator from the chart select it in the **Selected** group and click the **<<** button. The indicator will disappear from the **Selected** group.

When using the same set of indicators, you can use the **Template**: having set a complex of indicators in one chart, select **Template** —> **Save Template** in the **Charts** menu or in the contextual menu. To use the saved set of indicators in another chart, select **Template** —> **Open Template**. After the indicators window has been closed, it will disappear in the chart, as well.

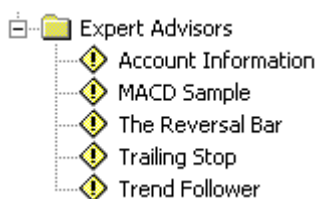
Indicators available in MetaTrader:

- Accumulation/Distribution;
- ADX;
- Average True Range;
- Bollinger Bands;
- Commodity Channel Index;
- DeMarker;
- Elder-rays;
- Envelopes;
- Force Index;
- Ichimoku Kinko Hyo;
- MACD;
- Market Facilitation Index;
- Momentum;
- Money Flow Index;
- Moving Average;
- Moving Average of Oscillator;
- On Balance Volume;
- Parabolic SAR;
- Relative Strength Index;
- Relative Vigor Index;
- Stochastic Oscillator;
- Williams Percent Range;
- Williams Alligator;
- Awesome Oscillator;
- Accelerator/Decelerator Oscillator;
- Fractals;
- Gator Oscillator.

Experts

Expert Advisors are used to render the trading process automatic allowing to exempt the trader from continuous watching the market. Many professional traders have a big amount of trading systems allowing them to work in different markets and under different conditions. They usually prepare and test their trading strategies in such famous analytical software packages as MetaStock or TradeStation.

Expert Advisors in MetaTrader allow to connect signals generated by trading systems to traders real account in such a way that it is possible to know and manage his/her open positions, orders and stops just from the expert system.



Meta Trader: Work With Charts

To create a new chart press the button **New** on the panel and chose in the menu **File --> New Chart** or choosing the right currency in the **Market Watch** window click with a right key and pick **Chart Window**.

Periodical format

B **MetaTrader** has several periodical chart formats: **M1, M5, M15, M30, H1, H4, D1, W1**. You can switch from one to another by clicking buttons on the panel, through the menu **Charts --> Periodicity** or by clicking on the proper chart with a right button and chose on the menu **Periodicity** or after activating the chart and pressing **пробел** or **enter** type in the appeared field one from the following: 1, 5, 15, 30, 60, 240, D, W or M1, M5, M15, M30, H1, H4, D1, W1. By the way, you can change the chart's currency right there by typing its name.

Type of the chart

To switch the type of the chart (Candlesticks, Bar charts or Line chart) use buttons on the panel, menu **Charts** or by clicking **Alt+1, Alt+2, Alt+3**.

Zooming and scrolling

To change zoom scale use the buttons on the panel, menu **Charts** or by clicking grey buttons + и -. For a smooth scrolling press **F12** key.

Colors and colorful schemes

To change the color of a chart, background, etc. press **F8**key, menu **Charts --> Properties...** or in the context menu **Properties...**. Also available ready to use colorful schemes **Scheme**.

Add and delete indicators

To add an indicator use window **Navigator --> Indicators**, in the menu **Insert** or press **Ctrl+I**. To delete an indicator find it in the right column and double click on it, or press <<. In case if you use the same set of indicators, it is possible to use **Template**: by creating settings for one chart, go to the menu **Charts** or in the context menu choose **Template --> Save Template**. On all the other charts choose **Template --> Open Template**.

Add and delete strategies

You can add a strategy through the Navigator window.

Add and delete lines and symbols

To add lines and symbols use in the menu **Insert** or buttons on the panel. To delete lines and symbols one by one starting with the last one use the key **BackSpace** or in the menu **Charts**. Also is possible to delete all the lines and symbols using **Charts** in the menu. It is possible to edit objects as well by double clicking on it, then click a right mouse button and pick **Properties** (an allocated object is possible to move and delete without an order). Do not forget that by allocation of a new object will not remove an allocation of the old one until you remove it yourself by double clicking on it, otherwise trying to edit an object you would have to fill out properties for all picked out objects. At that time all the allocated objects move independently from each other.

Volume turns on/off

To turn on/off the volume of an object use **Charts --> Volumes** in the menu, context menu or press **Ctrl+L**.

Types of the cursor

Type of the cursor is possible to change using buttons on the panel.