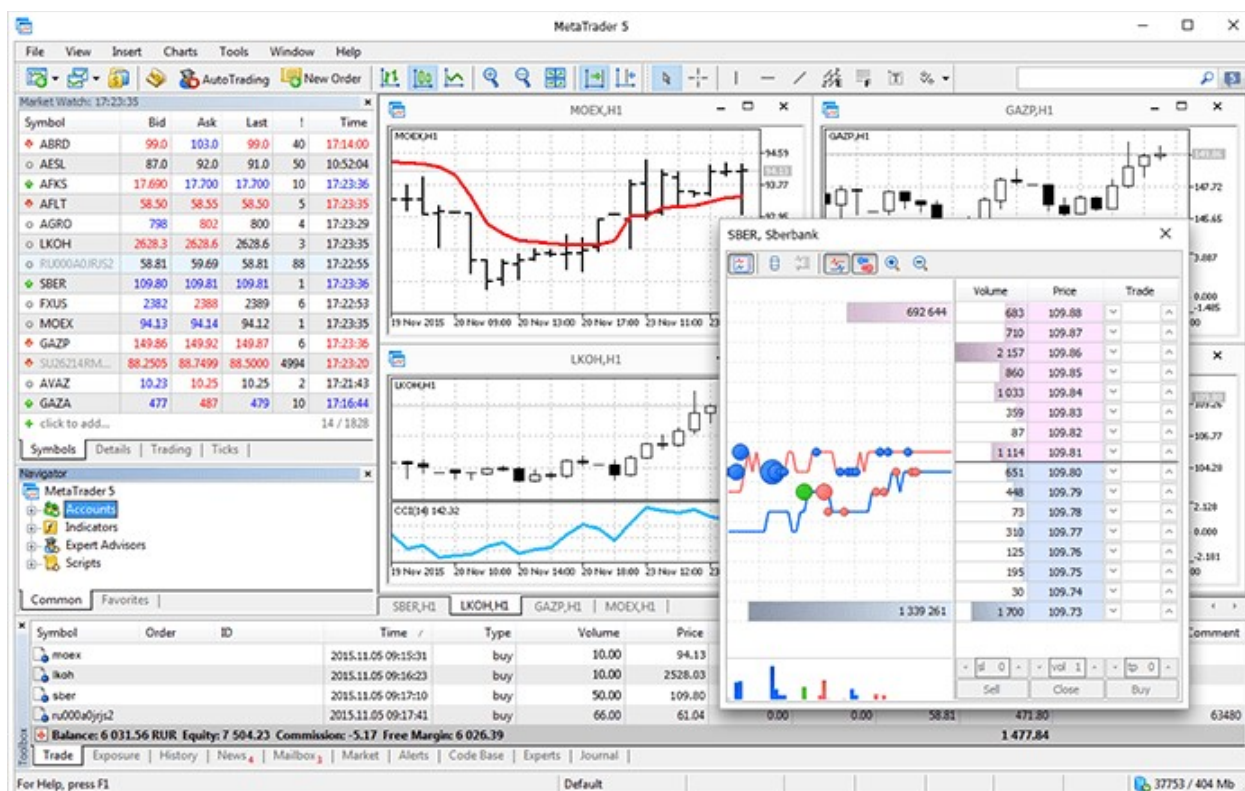# M4 Markets

MT4 Manual

New trading features

The current version of the trading platform is most popular all over the world thanks to its user-friendly interface, a variety of technical analysis tools and the integrated MQL4 language for developing indicators and trading robots. Let us congratulate you on your excellent choice and offer you a brief tour on the fifth generation terminal features.
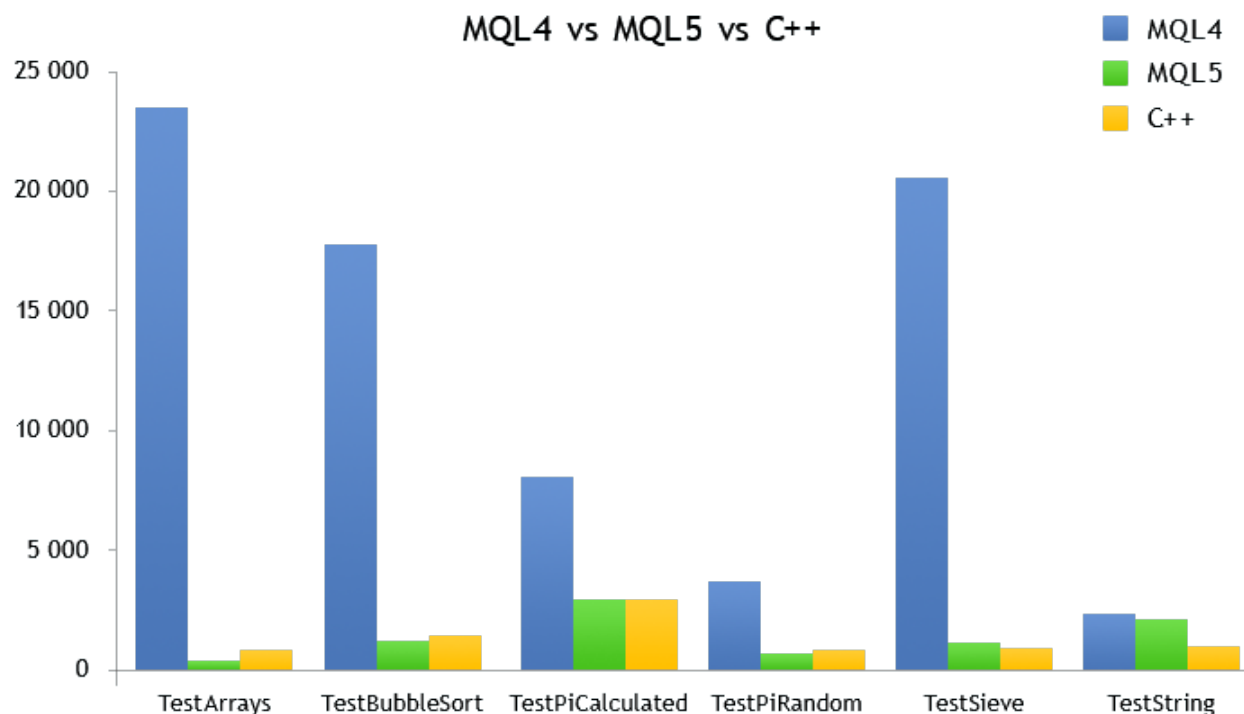
Exchange trading

The new platform allows you to trade not only Forex symbols but also exchange instruments — Time & Sales with real volumes and order levels, as well as manual trading inside the Depth of Market and developing scalper strategies based on the order book and liquidity are available for you. For fundamental traders, the platform features the Economic Calendar with a detailed description of each indicator, while the event schedule is displayed directly on a chart. The Calendar functions allow you to track and analyze changes of the necessary macroeconomic indicator directly from MQL5 programs.

Programs run up to 20 times faster

The MQL5 execution speed is comparable to that of C++ applications, while MQL5 programs work up to 20 times faster than MQL4 ones. This is proved by the execution time of standard tests on MQL4, MQL5 and C++. The lower the bar, the less time spent on execution and the better the result. The tests have been conducted on Windows 10 (build 17763) x64, Xeon E5-2630 v4 @ 2.20GHz, Memory: 65457 Mb.
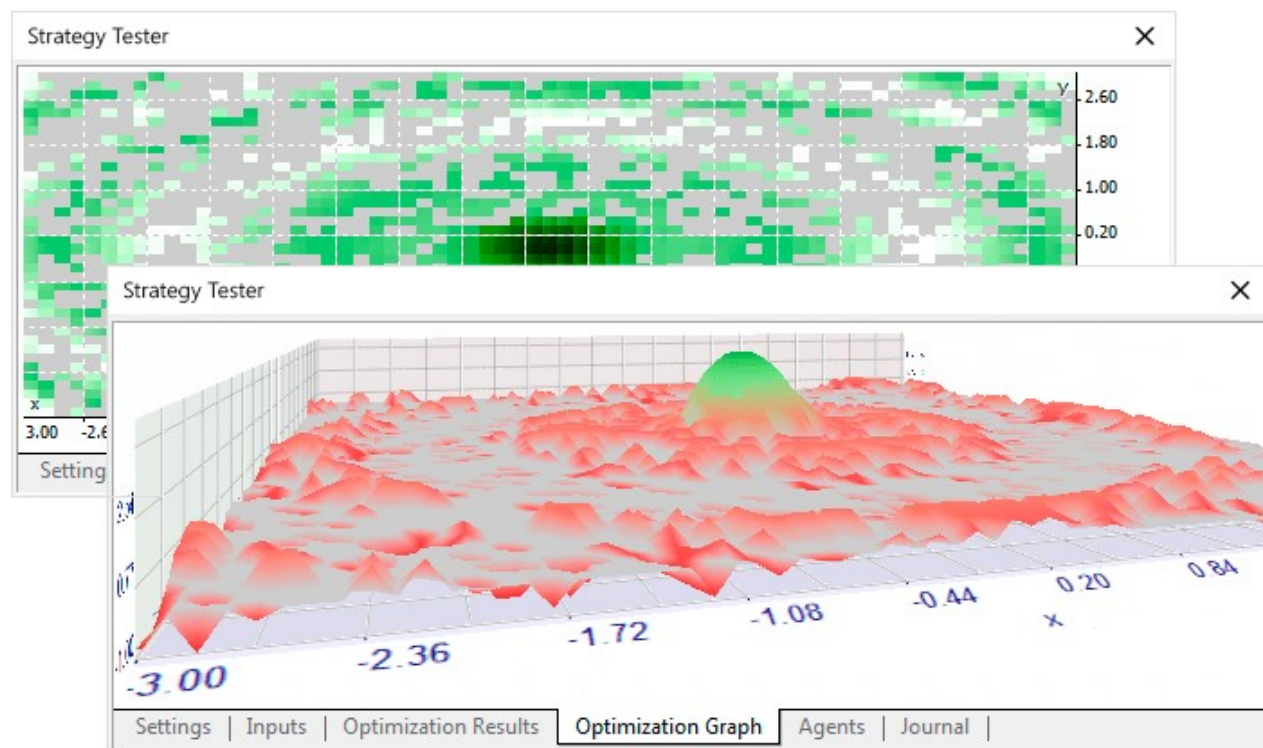
MQL4 vs MQL5 vs C++

If we also keep in mind asynchronous operations having an execution time less than a millisecond, we can safely state that MQL5 provides algorithmic trading features that were previously available only to a handful of professional traders. With the fifth generation platform, you do not need third-party connections to exchange protocols. Besides, you do not need to place your terminals as close to a broker as possible. Just get a VPS next to the trading server and send your fast MQL5 robot to trade there directly from the terminal. Low network costs, high Depth of Market refresh rates and asynchronous order sending accelerate trading operations dozens of times, which is a key factor in the algorithmic trading.

Multi-threaded strategy tester and MQL5 Cloud Network

The new platform offers maximum opportunities for testing and optimizing trading strategies for the algorithmic trading. Below are just a few of the main advantages of the new tester:

- Testing multi-asset strategies that trade on multiple symbols simultaneously, while all the necessary history is downloaded from the trade server automatically. Accurate emulation of the trading environment allows you to correctly test arbitrage strategies, pair trading and other similar systems that require synchronization of ticks, Depths of Market, OHLC prices and indicator values for all necessary symbols.

- Testing on real ticks allows you to develop strategies based on instant price changes. Ticks for all symbols are reproduced with millisecond precision, while the test can be performed in debug and program profiling mode enabling the development of efficient trading robots in terms of speed.

- Multi-threaded optimization using all cores of the local PC the terminal is installed on. For even higher speed, connect MQL5 Cloud Network agents to receive the results of thousands of hours of calculations in 30 minutes.

- Advanced reports and visualization of optimization results simplify the analysis of obtained data and the search for patterns. The 3D optimization graph is provided as well. You can zoom it in and out, rotate to a convenient angle, etc. Charts and trading parameters provide you with a detailed picture of the obtained testing and optimization results.

Strategy Tester

| Settings | Inputs | Optimization Results | Optimization Graph | Agents | Journal |

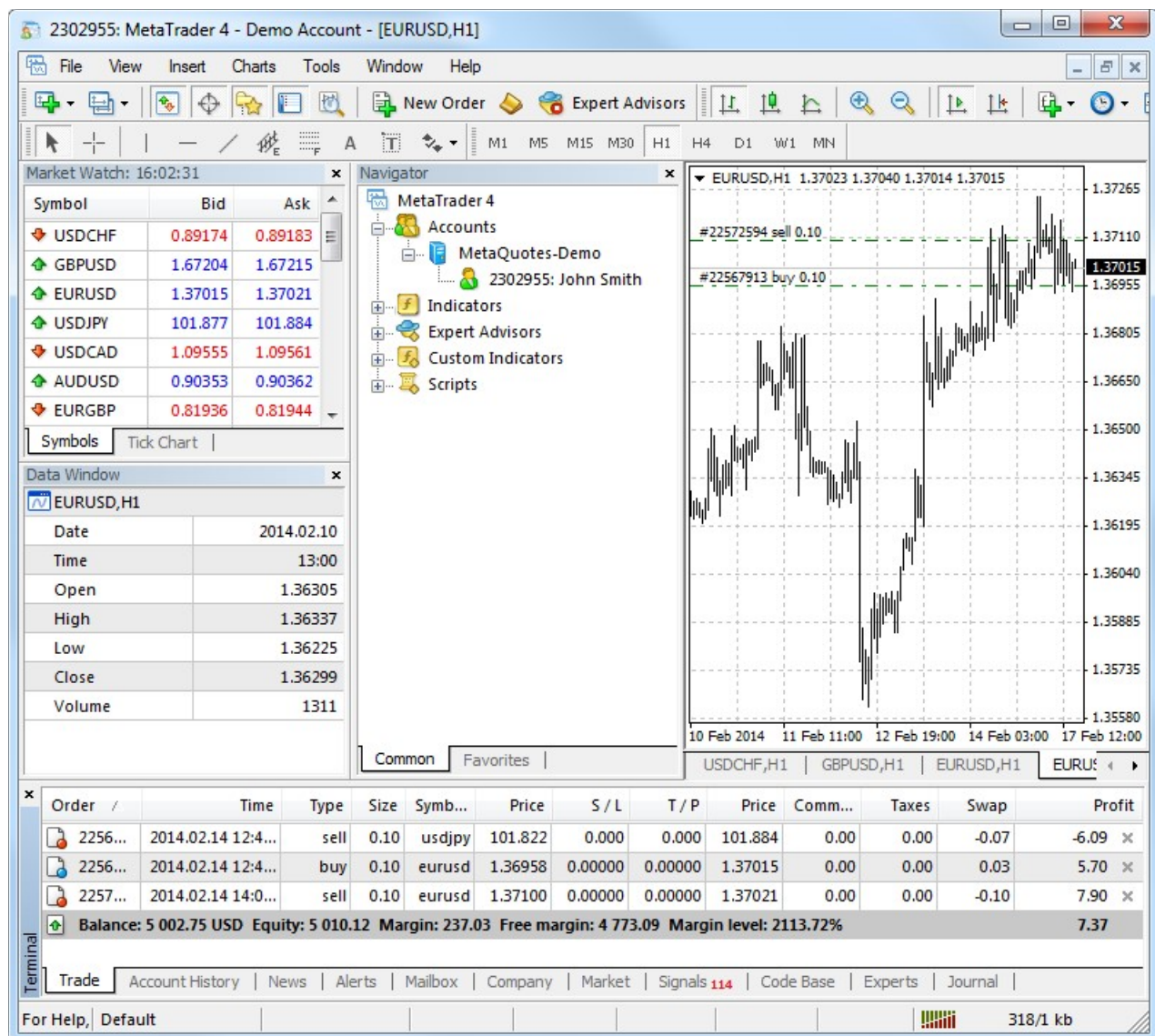Explore the new features and trade in the fifth generation platform!

Client Terminal Settings

Client Terminal is generally set up in a special window that can be called by the "Tools — Settings" menu command or with accelerating keys Ctrl+O. All settings are grouped according to their tasks and located in the following tabs:

- **Server** — setting up parameters of connection to the server, configuring of the used proxy server and Data Centers, as well as other important settings;
- **Charts** — general setting of the displaying of price charts. It is possible to detect whether period separators, Ask-price level, OHLC line will be shown. Besides, the amount of bars stored and displayed on the chart can be defined in this tab;
- **Objects** — setting up parameters of objects management. Selection of object after they have been created, their immediate setting, and docking parameters are defined here;
- **Trade** — parameters of opening new orders by default. They include: financial instrument (symbol), the amount of lots and deviation;
- **Expert Advisors** — settings common for all experts. They include: locking of operation for expert advisors, enabling of importing functions from external DLL libraries and advisors, as well as a number of other features;
- **Notifications** — setting up sending of push notifications to mobile devices from the client terminal;
- **Email** — setting up email parameters. If there is a necessity to send messages by email directly from the terminal, the parameters of the mailbox to be used must be set up;
- **FTP** — setting up publishing reports in internet. The terminal allows to publish reports in the real-time mode that contain information about the account status in internet. Connection through ftp is used for this purpose that can be set up in this tab;
- **Events** — setting up signals informing about system events. Signals informing about connection unavailability, news incomes, and others, simplify the work very much.
- **Community** — MQL5.community account details for subscribing to trading signals.
- **Signals** — setting up the "Signal" service in the client teminal.

User Interface

Interface of the terminal includes the following components:

- **Common Window Heading**
  The program heading includes the current account number, application name, as well as the active chart window name and its period (timeframe).

- **Main Menu**
  All commands and functions that can be executed in the client terminal are collected in its main menu. It contains: "File", "View", "Insert", "Charts", "Tools", "Window", "Help".
  More details can be found in the "Main Menu" section.

- **Toolbars**
  Four toolbars are built into the terminal: "Standard", "Charts", "Line Studies", and "Timeframes". The toolbars contain duplicated commands and functions of the main menu. However, these toolbars are customizable, so one can collect only mostly used widgets in them.
  More details can be found in the "Toolbars" section.

- **Market Watch**
  This window contains the symbol list. Commands of this window allow to control trade positions and charts.
  More details can be found in the "Market Watch" section.

- **Depth of Market**
  The depth of market displays the current market for a trading symbol. This tool provides the ability of quick and easy order management.
  More details can be found in the "Depth of Market" section.

- **Data Window**
  This window shows information about prices, as well as indicators and expert advisors imposed. This data window does not allow to perform any actions.
  More details can be found in the "Data Window" section.

- **Navigator**
  Open accounts, expert advisors, indicators, and scripts are grouped in the navigation window. The "Navigator" can help to control them promptly.
  More details can be found in the "Navigator" section.

- **Terminal**
  Terminal is a multifunctional window intended for working with trade positions, news, account history, alerts, internal mail, and logs of the program and of expert advisors, as well. Moreover, the "Terminal" window allows to open and modify orders of different kinds and manage trade positions.
  More details can be found in the "Terminal" section.

- **Tester**
  This window is intended for testing expert advisors. Besides testing and viewing of various reports, the expert parameters can be optimized in this window, as well.
  More details can be found in the "Tester" section.

- **Tick Charts**
  A tick chart is the basis of data analysis. Besides price changes, various analytical objects can be located in the chart: line studies, technical and custom indicators, texts, and geometrical figures.
  More details can be found in the "Working with Charts" section.

- **Status Bar**
  For additional information to be visualized, the status bar is used in the terminal. The status bar contains indicator of the server connection, amount of incoming and outgoing traffic, names of active template and profile, as well as command prompts and price data.

- **Fast Navigation Tools**
  Hot keys, acceleration keys, and fast navigation bar are intended for quick work with the terminal. Using of keys allows to execute various commands of the program promptly, and the fast navigation bar makes it possible to move the chart along its time base precisely, change its timeframe, and even the symbol itself.
  More details can be found in the "Fast Navigation Tools".

Working with Charts

A chart shows the price changes for a security with the time. Charts are necessary for performing technical analysis, working of expert advisors and testing thereof. Up to ninety-nine charts can be opened in the terminal at the same time.
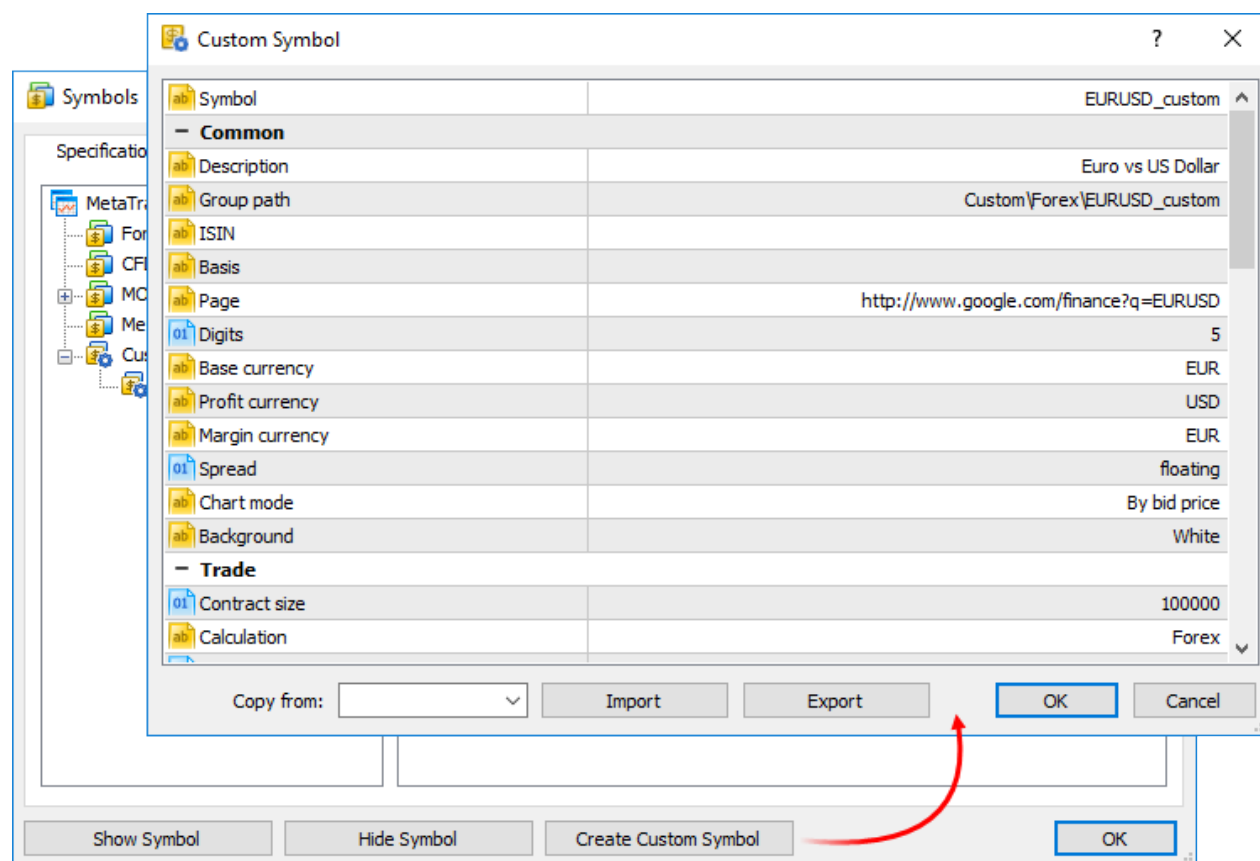
The client terminal allows to:

- open up to 99 chart simultaneously;
- set up their representation form and information shown;
- print charts;
- impose and delete various objects and indicators;
- recover deleted charts;
- use chart templates.

New trading features

The new generation platform has two times more timeframes (21 vs 9), as well as the precise time scale. Now graphical objects are not necessarily linked to bars. Object anchors can be placed in any position between the chart bars. Moreover, when switching between timeframes, the accurate positioning of the control points of the object is preserved. New built-in indicators and analytical tools have also been added.

In the new terminal, all timeframes are built based on minute bars, while the history is downloaded and synchronized automatically without the need for manual download. Additionally, the trade server stores the tick history of each symbol, so that you can use it for testing on real ticks. This ensures the maximum accuracy of testing trading robots on history and allows you to avoid mistakes when using rough tick generation methods.

The new platform also features custom symbols, or synthetic indices you can create yourself. To do that, simply enter the calculation formula or download files with minute bars or tick history. You can test your strategies both on custom symbols, and the ones provided by the trade server. Thus, the new terminal allows you to test your trading ideas on an unlimited set of symbols and markets.

Analytics

Technical indicators and line studies are built into the terminal for analytical purposes. These objects are imposed directly into the chart and allow to forecast further price changes. At that, indicators are imposed automatically, and line studies are attached manually. This is why, when working with line studies, one has to draw them properly. Parameters of indicators can be set up manually, as well. Technical indicators can have different settings for different symbols or periods.

The use of technical indicators and line studies allows to open and close reasonable trade positions, place and modify pending orders. Moreover, using of analytical means allows to perform systematic trading activities and reduces in that way the influence of human emotions. Along with technical indicators, custom indicators written in MetaQuotes Language 4 (MQL4) can be used for analytical purposes. No line studies or similar tools can be written in MQL4.

New analytical features

The fifth generation platform provides even more opportunities for technical analysis. The number of built-in indicators and analytical tools has been increased, as well as new minute and hour timeframes have been added. Object anchors can be placed in any position between the chart bars. Moreover, when switching between timeframes, the accurate positioning of the control points of the object is preserved.

Time & Sales and Depth of Market are indispensable intraday trading tools for detecting important trading levels/clusters and performing more accurate scalping operations within a day. MQL5 language features allow you to receive and analyze changes in the order book, as well as develop a custom Depth of Market with the necessary trading functionality.

Another advantage is the built-in Economic Calendar keeping you updated on all important current and upcoming events. Analyzing reports and macroeconomic indicator parameters is an integral part of the fundamental analysis, and the new terminal offers all you need for that: instant delivery of events concerning 13 currencies and 18 countries, Calendar functions in MQL5 for automatic handling of news and displaying release time on a chart. Thus, the new platform combines technical and fundamental analysis both in manual trading and in the development of trading robots.

Trading

The fundamental and simple rule of profitable trading at financial markets is to buy cheaper and sell dearer. Thus, the entire trading activities at financial markets come to the successive operations performed to sell or buy securities. To do so, one has to open, modify, and close trade positions. Trade position is a market commitment (order), the number of bought or sold contracts for which no set-off transactions have been made. The entire trading in the terminal is implemented through trade positions.

To open a trade position, one has to make a transaction, and to close a position, one has to make an inverse operation. A position can be opened by a brokerage company at a market order or at execution of a pending order. An open position can be modified if values of the Stop Loss and Take Profit orders levels attached to the position are changed. Positions can be closed on the trader's demand or at execution of Stop Loss or Take Profit orders. Besides, positions can be opened, modified, or closed with an expert advisor — this mechanism is described in another section.

New trading features

The fifth generation platform supports two order accounting modes: the netting mode is adopted on exchange markets, while the hedging method can be used for Forex trading. With the netting system, the trader will be able to have only one open position of a financial instrument at a time. The volume of that position can be increased or reduced through any further operation on the same symbol. With the hedging system, any new deal on a financial instrument opens a new position. Individual Stop Loss and Take Profit levels can be set for each of the open positions.

Thus, the new platform allows you to trade both on Forex and exchanges. Time & Sales with real volumes and order levels, as well as manual trading inside the Depth of Market and developing scalper strategies based on the order book and liquidity are available for you in order to trade on an exchange. The expanded Depth of Market featuring volumes and the appropriate MQL5 functions allow you to develop custom symbols for intraday trading.

LKOH-6.15, Futures Contract LKOH-6.15

Volume	Price	Trade
	25096	
	25095	
3	25094	
	25093	
12	25092	
2	25091	
1	25090	
1	25089	
	• • •	
3	25076	
12	25075	
3	25074	
1	25073	
1	25072	
	25071	
	25070	
	25069	

1 917

2 813

sl 0   vol 3.00   tp 0

Sell   Close   Buy

In the new platform, MQL5 programs work up to 20 times faster than MQL4 ones making them comparable to C++ programs. Combined with asynchronous operations, this allows the development of trading robots with a high speed of response to price changes. Such speed is required in pair trading, scalping strategies, arbitrage and other similar trading systems where fast obtaining of market data, high data processing speed and instant sending of orders are of utmost importance.

While developing such robots, you can use real ticks to test strategies trading on multiple symbols. The entire trading environment is reproduced as accurately as possible and ticks are synchronized across all used instruments up to milliseconds.

Auto Trading

To work at financial markets more effectively, one can develop one's own successful system of trading. It is very difficult to act within a chosen system of trading in the manual mode due to significant influence of normal human emotions. Mechanical trading systems do not suffer from this disadvantage.

Client Terminal gives a large range of means for development and use of mechanical trading systems (MTS, experts, advisors). The development environment allows to create, debug, and test expert advisors. Experts are able not only alert about recommendation trading signals, but undertake the complete control over trading activities online.

MetaQuotes Language 4, MetaEditor and strategy testing tools are built in the terminal. One can create the following using these means:

- **Expert Advisors** — mechanical trading systems that allow complete automation of analytical and trading activities;
- **Custom Indicators** — independently written technical indicators intended for analyzing of price changes;
- **Scripts** — programs to be executed only once, on request.

New algorithmic trading features

The new platform allows accelerating trading dozens of times: MQL5 compiler aggressively optimizes the obtained EX5 executable code, the OrderSendAsync asynchronous function is executed in fractions of a millisecond, orders are processed on a trade server in no time, while price and Depth of Market updates are delivered to the terminal without delay. All components of the fifth generation platform (terminal and trading server) are developed with the maximum time efficiency in mind and are subjected to internal stress tests for performance under high-load conditions.

The new MQL5 language speed is comparable to that of C++, while MQL5 programs work up to 20 times faster than MQL4 ones since all functions of the new language are developed taking into account the capabilities of modern processors and code profiling results. If necessary and properly qualified, you can further accelerate the calculations using OpenCL functions. The MetaEditor development environment supports the OpenCL interface for using the power of modern video cards.

The new platform allows you to trade both on Forex and a stock exchange enabling you to develop a single trading strategy for multiple instruments. The new tester is a multi-asset tool, which means that you are able to test strategies working on multiple financial instruments simultaneously. Thus, you develop the same code both for testing and for real trading. There are no restrictions on the part of the tester, and you do not have to test each instrument within a complex strategy separately. The entire trading environment is reproduced as accurately as possible and ticks are synchronized across all used instruments up to milliseconds.

All timeframes in the new terminal are built automatically based on the minute history at the first call from a chart, an EA or an indicator. In this case, all timeframes are rebuilt and synchronized with each other automatically without manual intervention maintaining the integrity and relevance of all data on each symbol. When running multi-currency testing, all necessary history for all used symbols is automatically downloaded from the trade server, while the timer events and the Sleep() function calls are handled correctly.

Time & Sales with real volumes and order levels, as well as manual trading inside the Depth of Market and developing scalper strategies based on the order book and liquidity are available for you in order to trade on an exchange. The expanded Depth of Market featuring volumes and the appropriate MQL5 functions allow you to develop custom symbols for intraday trading. While developing such robots, you can use real ticks to test strategies trading on multiple symbols.

Custom symbols are another key advantage of the new platform. To create them, simply enter the calculation formula or download files with minute bars or tick history. You can test your strategies

both on custom symbols, and the ones provided by the trade server. Thus, the new terminal allows you to test your trading ideas on an unlimited set of symbols and any markets – simply create a necessary symbol and test your EA on it.

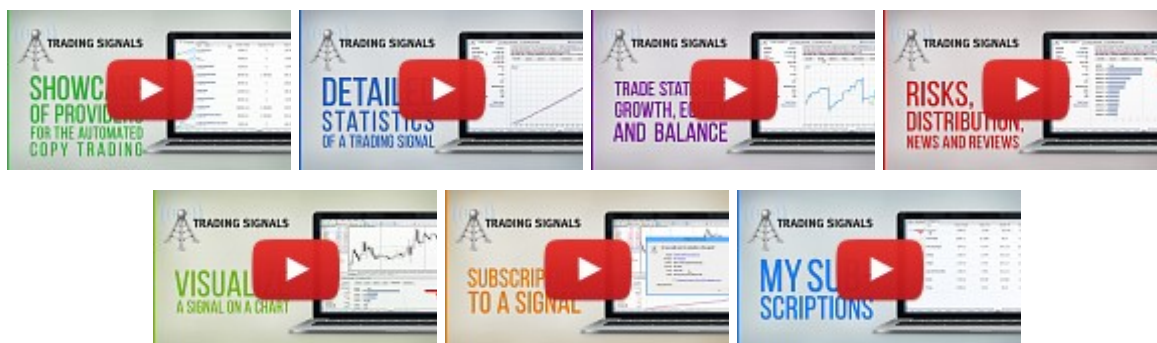Explore MQL5 language features and take your EA programming skills to the next level.

Signals

Signals service It allows anyone to become a provider and sell trading signals or subscribe to them and follow the strategy of an experienced trader.

A user should have an active MQL5.community account to use the Signals service. If you do not have an account yet, please register. The account should be specified in the terminal settings.

Discover in 15 Minutes: Video on Trading Signals

Watch the below tutorial videos to learn about trading signals. Click on the video image to watch it.

Signal Providers

If you are a successful trader and would like to make money using your experience and skills, you can register as a Provider in the Signals service via MQL5.community website.

After completing the simple registration process, you will be able to connect your trading account to the monitoring system where all basic parameters of the account will be displayed.

Your account will be included to the list of available trading signals both on MQL5.community and directly in the trading terminal. Traders will be able to easily subscribe to your trading signals.

If you provide trading signals for a fee, payment from traders will be delivered to your internal MQL5.community payment account.

Find out how to become a signal provider.

Signal Subscribers

The entire process is even simpler for Subscribers. Select a signal you are interested in right on MQL5.community website or in the client terminal. You will have to make just a few clicks to subscribe to his or her signals.

After subscribing to the signal, your trading account will be synchronized with the Provider's one. After that, all trading operations will be automatically performed on your account.

Working with the Signals service has a great number of advantages:
- No need to conclude an agreement between a provider and an investor;
- Copying of trading operations is fully automated. Your intervention is not required;
- A Signals Provider and a Subscriber may have accounts at different brokerage companies;
- Ultrafast data exchange protocols greatly reduce orders execution delays on a Subscriber's account;
- Data transmission is absolutely secure;
- Fixed subscription price, no additional commissions for subscription.

Find out how to subscribe to signals.

Market

Market tab connects trading platform users with MQL4 programs store at MQL5.community. Here they can download for free or buy trading robots, indicators and other applications for the trading terminal.

Discover in 10 Minutes: Video on Market

Watch the below tutorial videos to learn about the Market. Click on the video image to watch it.

General Information

- Before working with the Market service read the rules carefully. The rules are published at MQL5.community website.
- To work with the "Market" service, you should have a valid account on the MQL5.community website. Account data can be specified in the terminal settings. If the data is not specified in the settings, it will be requested every time you try to download/purchase the product.
- All calculations are performed using the MQL5.community internal payment system.
- Each product is tied to the configuration of PC it was purchased from. The number of free product activations available to the buyer on another PC after purchasing the product is defined by the seller. The minimum number of such Activations is 4.

Before purchasing an application you can download its demo version. Demo versions have some limitations:

- A demo version of an Expert Advisor cannot be launched on an online chart of the client terminal. Its trading part can be tested only in the Strategy Tester;
- a demo version of an indicator cannot be launched and seen on an online chart. Its behavior can only be seen in the Visual testing mode in the Strategy Tester.

Applications Categories and Searching

Watch video: How to search and choose applications
The Market features a well-developed product filtration and sorting systems. Each product has a detailed description and screenshots. Moreover, robots and indicators have demo versions. Watch our video to know how to use all that functions and make the right choice.

The upper part of the tab is designed to search the applications.
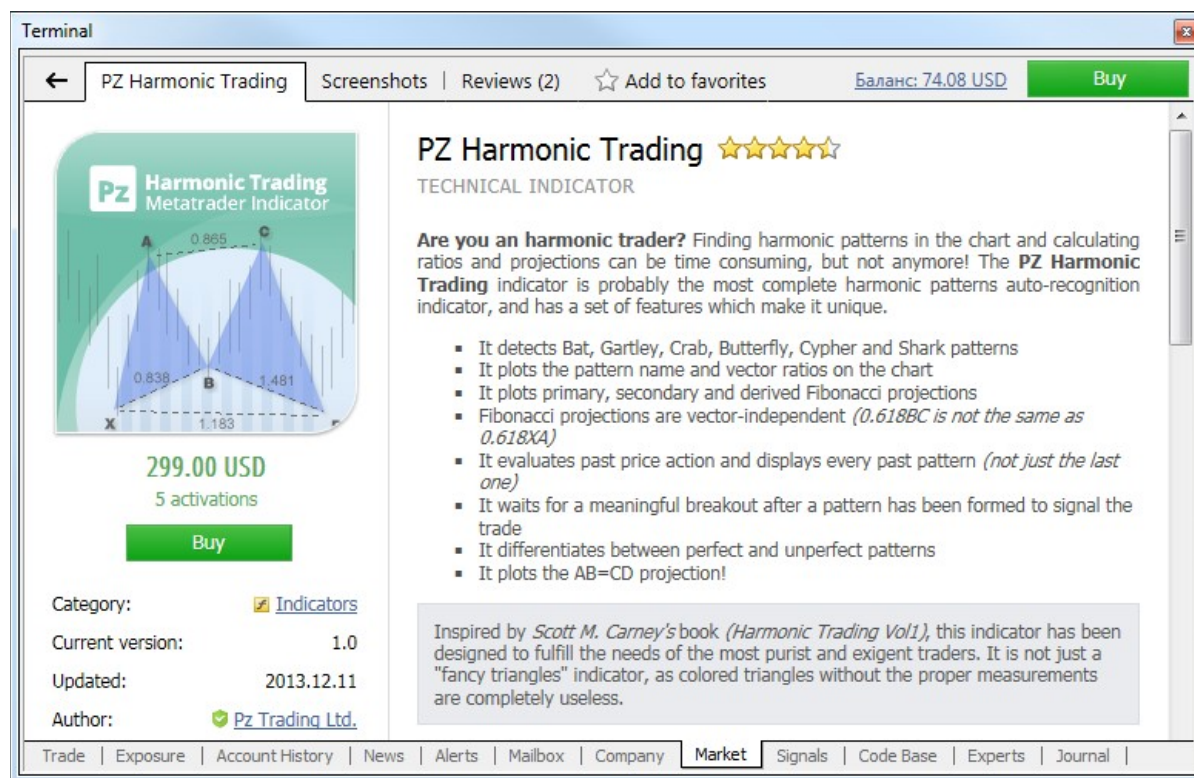
- **Category** — experts, indicators, panels, utilities, etc.
- **Price and novelty** — sorting products by price and novelty.
- **Favorites** — product marked as favorite.

- **Purchased** — list of products purchased/downloaded by the user;
- **Balance** — current account balance on MQL5.community. If MQL5.community account is not specified in the terminal settings, registration link is displayed instead of the balance.
- 🔍 — the field for searching applications by their name or description. Enter the word into the search field and click 🔍.

Viewing Products

The list of applications displays their cost and rating formed by the users evaluation. The "Free" label means that the application is distributed on a free of charge basis.

Click on the application's logo to view, download or purchase it:

The upper part contains the toolbar for switching between the application data tabs:

- ◀ — back to the applications list.
- **Application** — a detailed description of the application can be viewed here.
- **Screenshots** — application screenshots can be viewed here.
- **Reviews** — users' reviews about the application can be viewed here. The tab is not displayed, in case there are no reviews.

Purchasing Products

Watch video: How to purchase a robot or an indicator in Market?
Any trader will find thousands of trading robots and indicators in the Market. All of that can be purchased directly in the platform and it's much easier than you think.
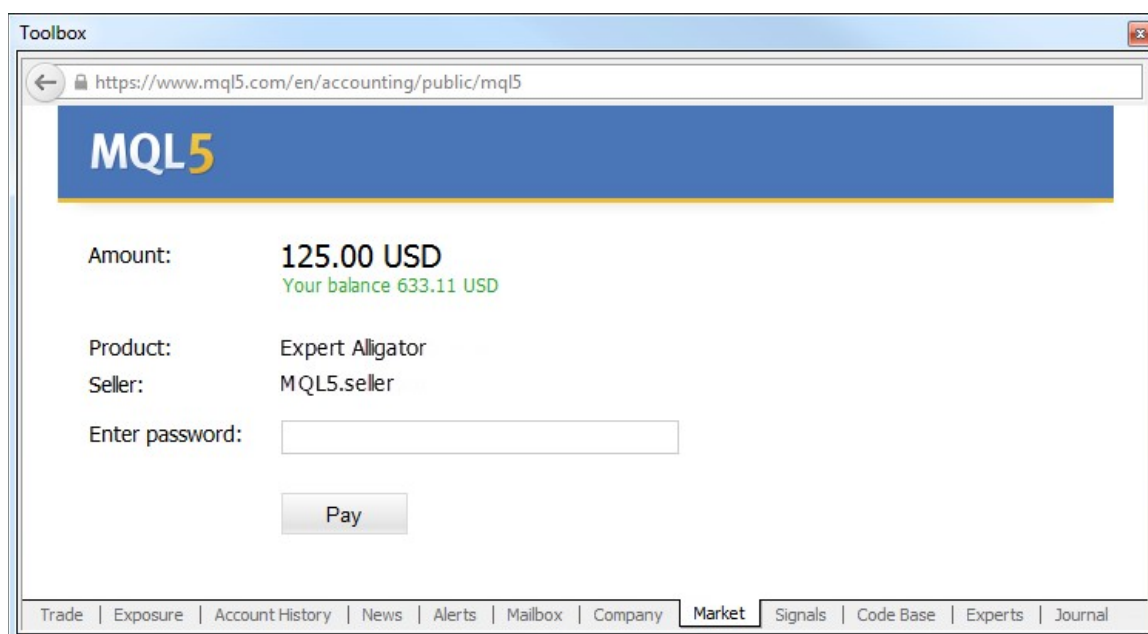
To purchase an application, click on it and then click the "Buy" button.

- The cost of a product is displayed under its logo.
- Before buying a product, specify your MQL5.community account in the terminal settings.

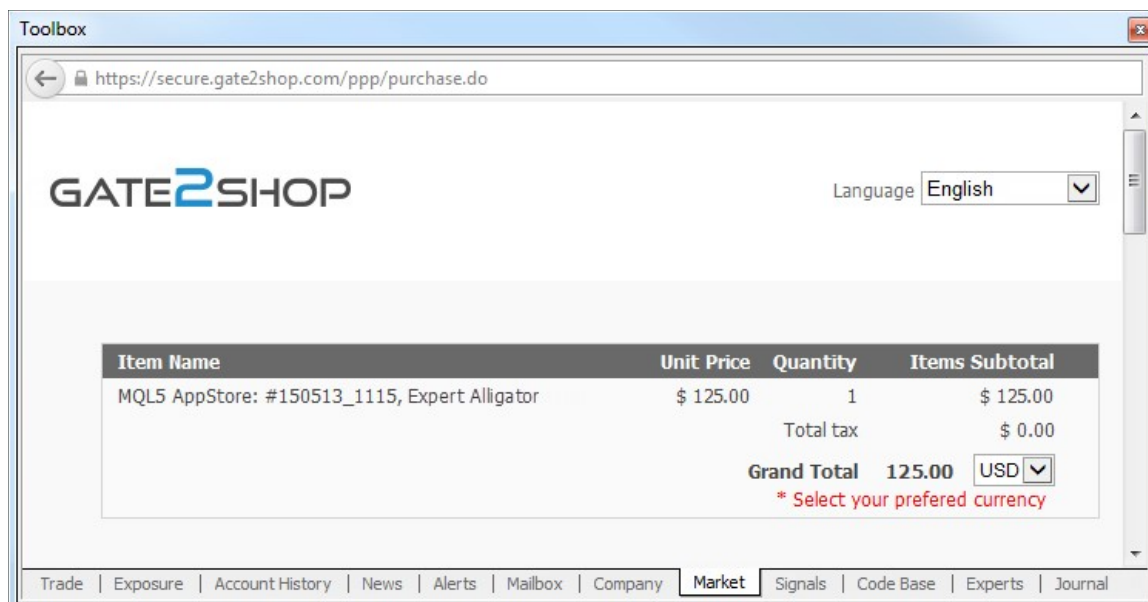To perform a payment, you can use your MQL5.community account funds. To do this, select MQL5 payment method.

Making a purchase, you agree to the Rules of Using the Market Service.

Enter the password of your MQL5.community account to confirm your purchase. The specified amount is deducted from your account, and the product is downloaded to your terminal.

If your MQL5.community account has insufficient funds for buying a product, you may pay for it via one of the available payment systems directly in the terminal. To maintain a clear and unified history of purchases from the Market, the required amount will be first transferred to your MQL5.community account, from which a payment for the product will be made.

After selecting a payment method, the page of a corresponding payment system is opened. Specify the necessary payment data: your login and password in the payment system or card information.
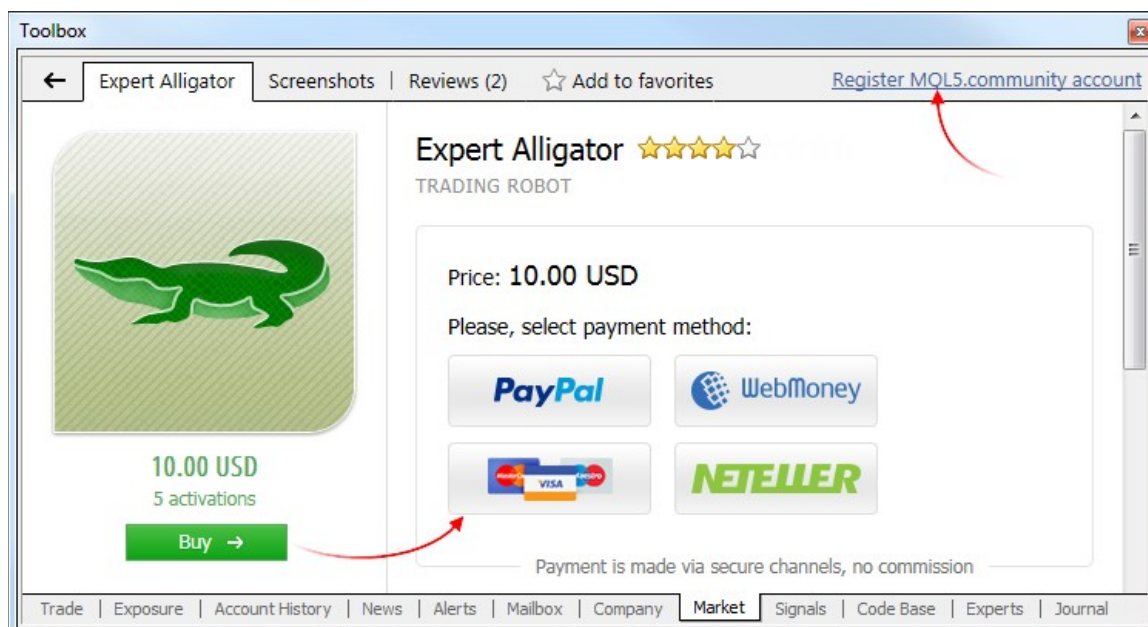
The specified amount is deducted from your account, and the product is downloaded to your terminal.

- All purchases and downloads are displayed on the "Purchased" tab.
- The products are downloaded to the /MQL4/*program_type*/Market/ terminal folder, where program_type is an application type. For example, Expert Advisors will be downloaded to the /MQL4/Experts/Market/.

Purchasing Products Without Signing Up for MQL5.community

If you do not have an MQL5.community account yet, you can still buy a Market product. Select the appropriate payment system and make a payment as described above.

We strongly recommend that you sign up for MQL5.community after making a purchase. This will allow you to:

- Install the product on other computers within the available number of activations
- Receive free product updates

The account should be registered directly from the terminal. Click Register MQL5.community account in the upper part of the Market window. After the registration is complete, the purchase is bound to the new account. You can see all your payments and purchases in your profile on the MQL5.com website.

Downloading Previously Purchased Applications

Watch video: How to update, renew the rental period and reinstall products
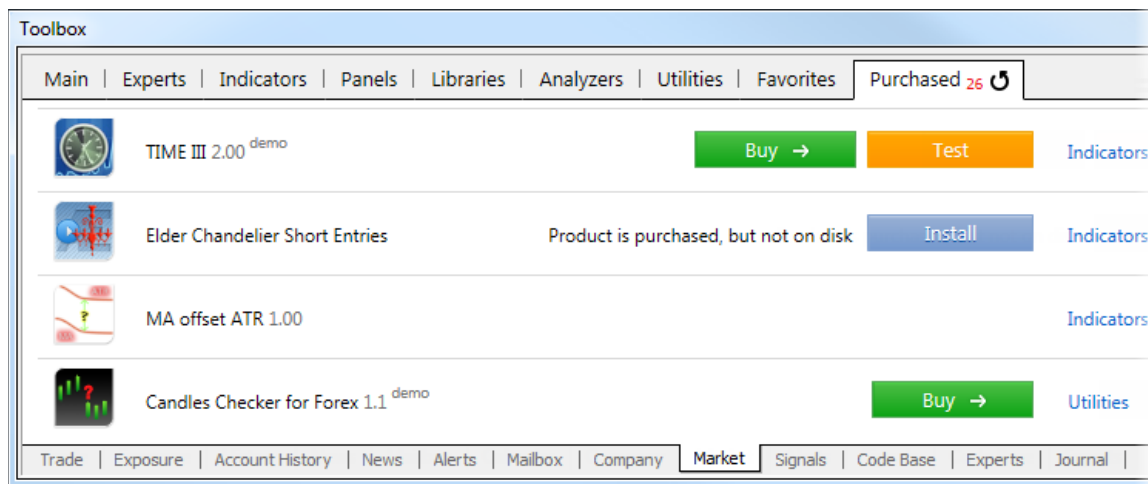All your products are tied to your mql5.com account or to your computer and available for you at any time. You will always know about updates, will be able to renew the rent or download a previously purchased product. Watch the video to find out how easy that is.

You may need to move previously purchased application to another terminal. For example, you may use several client terminals on one or several PCs.

If you use several terminals on a single PC, copy the application's ex5 file to a similar folder of the target terminal. For example, you should copy a file from [original client terminal]\MQL4\Indicators\Market to [target client terminal]\MQL4\Indicators\Market.

If you need to move a previously purchased product to another PC, do the following:
- Specify your MQL5.community account data on "Community" tab of the target terminal.
- Open "Market" tab and move to "Purchased" section. Next, click "Install" near the purchased product:

Each product is tied to the configuration of PC it was purchased from. According to "Market" service Rules the number of free product activations available to the buyer on another PC after purchasing the product is defined by the seller. The minimum number of such Activations is 4. Further on, a user will have to purchase them again.

Demo versions

Watch video: Free-of-charge testing of Expert Advisors and Indicators before purchase
Before making a purchase it's recommended to test desired robots and indicators. It's an easy and free-of-charge operation that will give you more confidence in a product. Watch the video for details.

Before purchasing an application you can download its demo version. To do this, click on the product and then click "Free Download".
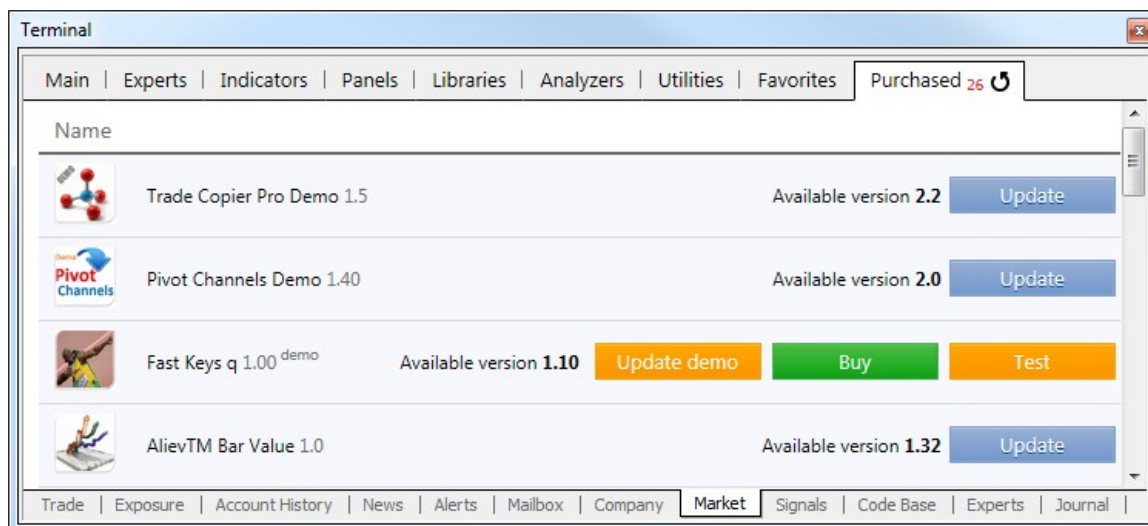
Demo versions have some limitations:
- A demo version of an Expert Advisor cannot be launched on an online chart of the client terminal. Its trading part can be tested only in the Strategy Tester;
- a demo version of an indicator cannot be launched and seen on an online chart. Its behavior can only be seen in the Visual testing mode in the Strategy Tester.

Updating applications

From time to time sellers may release updated versions of their products to increase reliability and extend functionality.

- All updates of previously purchased products are free of charge.
- Updates of products become available in the client terminal with a short delay after they are published in the Market on MQL5.community.

To check whether new versions of your previously purchased or downloaded products are available, go to the "Purchased" tab.

If a new version of a product is available, you will see the corresponding message against it as well as the "Update" button (or the "Update demo" button for demo version of paid products).
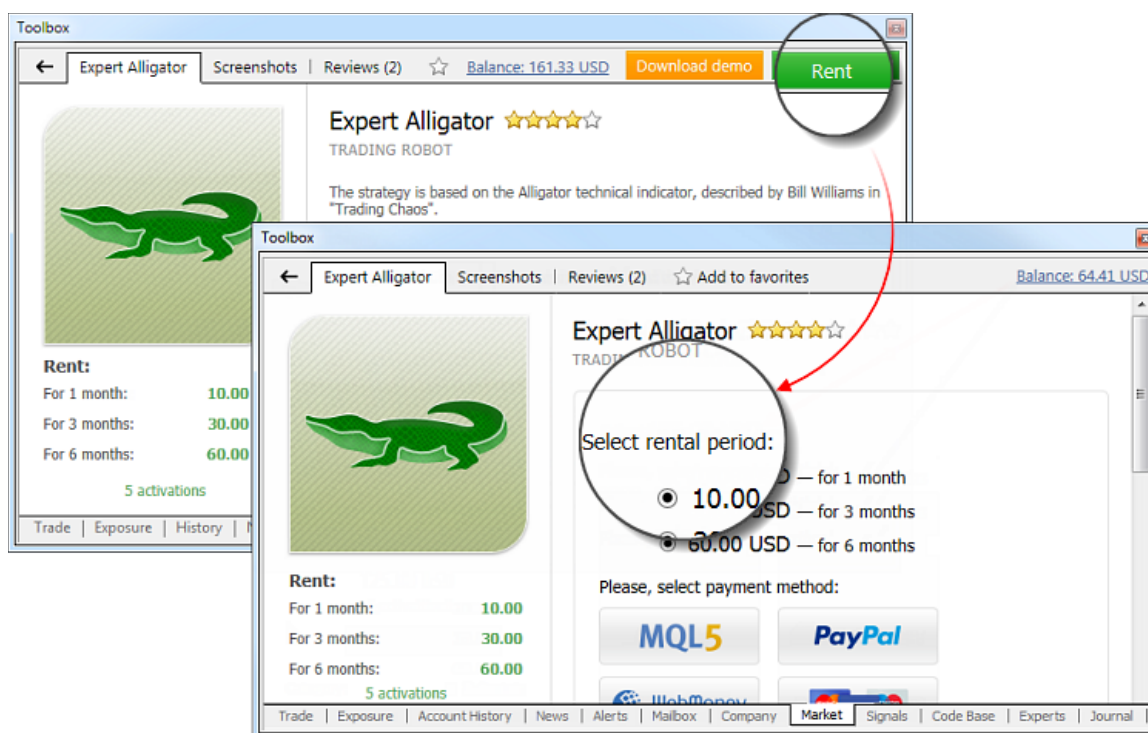
Once this button is pressed, the new version will be downloaded. The new file replaces the previous one. Thus if need, save the old version of the file under a different name or outside of the directory [terminal data folder]\MQL4\Market\.

Renting Products

The Market products can be rented for 1, 3, 6 or 12 months. For buyers, the rent is another opportunity to assess a product before buying a full license. Unlike demo versions that can be launched only in the strategy tester, rented products have no limitations except for validity period.

> Rental period and fee, as well as the very possibility to rent are set by product developers. Therefore, some products may be unavailable for rent.

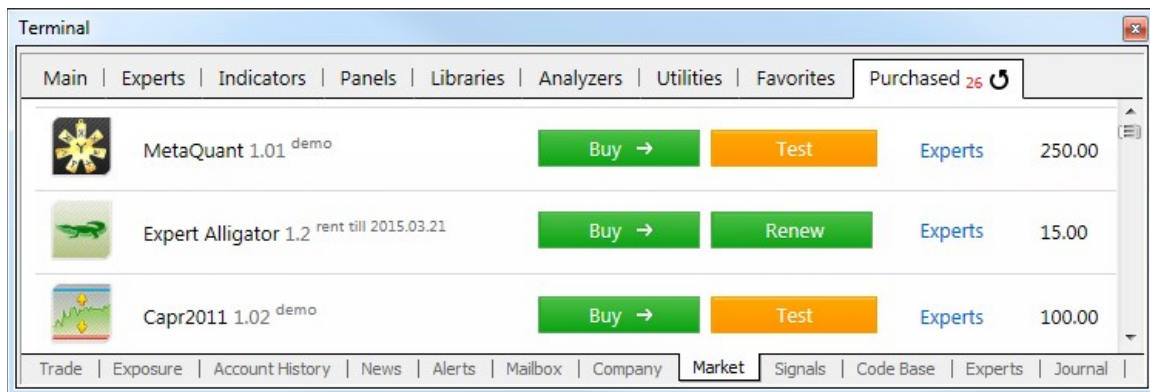Rental fee and period are displayed under a product logo:

Click Rent and select the rental period. As in the case of the full versions, you can pay for your purchase via your MQL5.community account or using one of the available payment systems. Besides, you can rent a product without signing up for MQL5.community.

> After the period expires, rented products stop their operation automatically. For example, a rented trading robot is automatically removed from a chart. So, be careful not to leave your positions unattended if they have been managed by a rented Expert Advisor.

The following entry is periodically displayed in the terminal journal one day before the end of the rental period:

```
Licence of 'product.ex5' expires on 02.03.2015. Please renew the license, otherwise the program will be stopped
```

In order to renew a rental period or buy a full version, move to Purchased section.
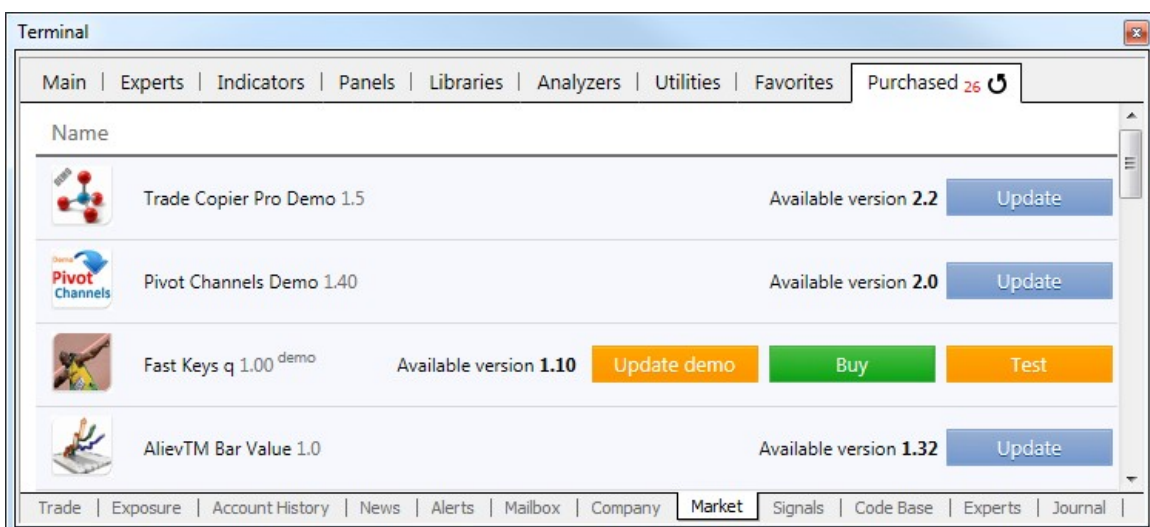

Rental period expiration date is shown to the right of a product name. The current period expiration time is considered to be the beginning of the renewed rental period. Thus, you can renew the rent in advance without losing the time remaining till the current period expires.

If you want to purchase a full version, click Buy. In this case, you pay the full cost of a product. Previously paid rental fees are not considered.

Purchased/Downloads

"Purchased" tab displays all the products downloaded and purchased using the current MQL5.community account. If MQL5.community account data is not specified in the terminal settings, the tab name changes to "Downloads". It displays all downloads and purchases made in the current client terminal regardless of the account.

The following information is displayed here:

- **Name** — product name. Demo versions of products are marked with the ^{Demo} label.
- **Category** — product category, such as Experts, Indicators etc. If you click on the product category, it will be selected in the "Navigator" window.
- **Price** — product cost in USD.
- **Date** — product download/purchase date.

Favorites

A huge number of products is available for purchasing. When searching for products, you can add any of them to Favorites in order to select the best one. Add/remove a product from Favorites by clicking ⭐ button available in the products list and a product page.

All Favorite products are displayed in a separate tab:

Terminal

Main | Experts | Indicators | Panels | Libraries | Analyzers | Utilities | Favorites | Purchased 26

Name			Category	Price, USD	
PZ Trend Trading	Buy		Indicators	299.00	⭐
TraderDream	Buy		Indicators	30.00	⭐
News Trader Pro	Buy	Download demo	Experts	299.00	⭐

Trade | Exposure | Account History | News | Alerts | Mailbox | Company | Market | Signals | Code Base | Experts | Journal |

Virtual Hosting

Virtual hosting is a service providing the round-the-clock operation of the client terminal. That may be necessary in the following cases:

- a trader has a trading robot developed by his or her efforts or ordered from programmers;
- a trader has an Expert Advisor purchased in the Market;
- a trader has subscribed to a Signal.

All these cases require constant connection to a trade server and uninterrupted power supply. Using a home PC is not always possible and convenient.

The trading platform offers convenient and quick solution to all traders — you can rent a virtual server for your trading account right from the client terminal.

Discover in 6 Minutes: Video on Virtual Hosting

Watch the below tutorial videos to learn about the virtual hosting. Click on the video image to watch it.

Unlike renting ordinary VDS or VPS from third-party companies, you are able to select the server that is the closest to your broker minimizing the network latency when sending orders from the terminal to the trade server.

The payment for using the service is conveniently performed via MQL5.community account. If you do not have an account yet, please register. The account should be specified in the terminal settings.

The subsections describe all stages of working with the Virtual Hosting service:

- Registering Server — selecting the virtual server that is the closest to the broker in order to provide the minimum network latency, choosing the service plan.
- Migration — preparing the terminal environment for migration to the virtual server: selecting charts, indicators, Expert Advisors, as well as configuring signals, email and FTP.
- Working with Terminal — managing the terminal operation on the virtual server: viewing terminal and Expert Advisor operation journals, as well as viewing resource consumption statistics.