# VirtualDealer versus Manual Execution: What Is Better?

#### Introduction

Virtual Dealer Plugin is intended for full or partial emulation of the dealer's actions for symbol groups with manual execution. The plugin implements the following features:

- Confirmation of the clients' requests with regulated execution delay up to 5 seconds and recheck of Limit & Stop Level
  and Freeze Level.
- Processing of pending orders activations, Stops triggerings, and stopouts.
- Confirmation of requests on stream prices (Instant Execution) with adjustable permitted slippage.
- Watching symbol gaps, during which pending orders BUY STOP and SELL STOP and stops of open positions are activated not at the client's requested price, but at the gap price.
- Automated moving up the Limit & Stop Level and Freeze Level according to the preset list of news time.
- Disabling (setting, modifying, deletion) of pending orders during news receiving.
- Working in parallel with real dealers. In this mode, only those requests are processed the volumes of which do not
  exceed the preset level.

### **Plugin Installation**

To install the plugin, one has to copy the VirtualDealer.dll file into the "/plugins" directory in the server root directory. Then restart the server.

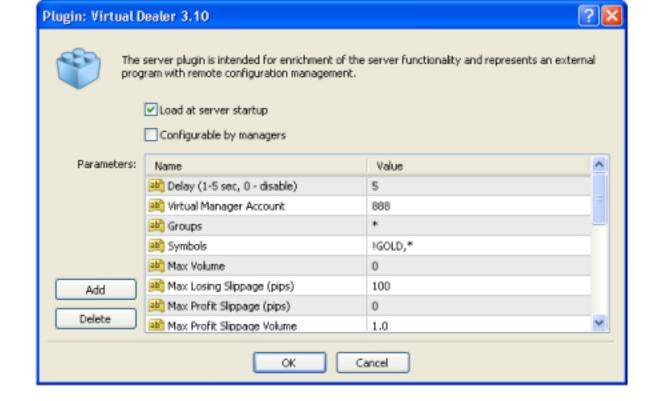
Important: By default, the plugin will be disabled after the server restart. It will not start processing of clients' requests immediately.

If the plugin has already been installed and needs updating, the following must be done:

- Stop the server (for example, using the net stop mtsrv command in the command line).
- Replace the plugin in the "/plugins" folder with the updated version of it.
- 3. Launch the server (for example, using the net start mtsrv command in the command line).

#### Plugin Setup

After plugin installation, it is necessary to configure its settings.



Parameters are described below.

Parameter	Description		
Delay (1-5 sec, 0 - disable)	Delay of the request execution. If the delay equals to zero, it means that the plugin is disabled and does not process requests. If the delay is above zero, it means that the plugin is enabled and processes requests. The real delay may be one second shorter. For example, if the delay is specified as 5 seconds, confirmation will be sent to the client within 4 to 5 seconds.		
Virtual Manager Account	The account number of the manager on behalf of whom the virtual dealer will act.		
Groups	Groups processed by the Virtual Dealer. The groups can be listed using templates. For example, demo* - all demo groups, !real,* - all groups except for the real ones, demoforex-usd,demoforex-jpy - only groups named demoforex-usd and demoforex-jpy, respectively.		
Symbols	List of symbols to be processed by the VirtualDealer. The symbols can be listed using templates. For example, <b>USD*</b> - all symbols starting with USD; <b>!SILVER,!GOLD,*</b> - all symbols except for gold and silver.		
Max Volume	Maximal amount of lots for a trade to be processed by the Virtual Dealer when there are other dealers online. If the trade volume exceeds its value and there is an online dealer with rights to process such requests, the Virtual Dealer skips such an operations. Thus, the human dealer can process dangerous requests.		
Max Losing Slippage (pips)	The maximum permissible slippage of the market price against the dient's request price during Delay time, at which the dient's request is confirmed at its price <b>against the client</b> . Example:		
	A client wants to sell GBPUSD at the current price of 1.8737. Virtual Dealer accepts the request and waits a preset amount of seconds.		



The price has changed for 1.8742 during this time. This means that the client is mistaken and price has gone 5 points against the client. If the Max Losing Slippage is equal to 10 points, the client's request will be confirmed at his or her price (1.8737) and the client will lose (unrealized profit=-5 points - spread). If the Max Losing Slippage is set for 5 points, the client will be requoted at 1.8742.

This parameter works only for the Instant Execution mode. If this parameter is equal to 0, the Virtual Dealer always requotes when the price changes against the dient.

#### Max Profit Slippage (pips)

The maximum permissible slippage of the market price in the client's favor during Delay time, at which the client's request is confirmed at its price in the client's favor.

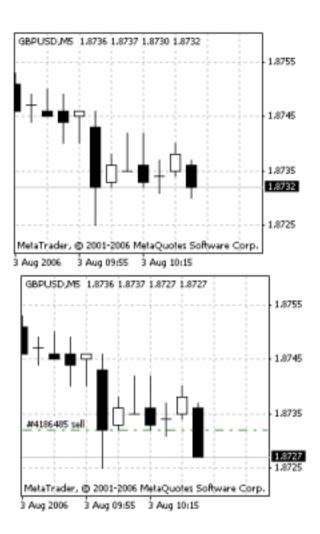
#### Important Note:

- If Max Profit Slippage = 0 (default value), Virtual Dealer requotes about 10% of requests.
- If Max Profit Slippage = 1, about 2% of requests are requoted.
- If Max Profit Slippage = 2, less than 1% of requests are requoted.
- If Max Profit Slippage exceeds 2 points, the Virtual Dealer does not practically requote the clients' requests.

This parameter must be used **only with the risk limitation by volumes** of clients' requests (the Max Profit Slippage Volume parameter). For example, to enable slippage to the client's favor by 1 point on volumes that do not exceed 0.1 of a lot, it is necessary to set Max Profit Slippage = 1, Max Profit Slippage Volume = 0.1.

Example:

A client wants to sell GBPUSD at 1.8732. Virtual Dealer accepts the request and waits a preset amount of seconds.



The price changed for 1.8727 during this time. This means that the client has guessed right and the price has gone 5 points in the client's favor. If the Max Losing Slippage is equal to 10 points and the volume does not exceed the Maximum Profit Volume, the client's request will be confirmed at his or her price (1.8732) as shown above and the client will open a position above the market or even directly with positive balance (unrealized profit=5 points - spread). If the Max Losing Slippage is set for 4 points, the client will be requoted at 1.8727.

This parameter works only for the Instant Execution mode. If this parameter is equal to 0, the Virtual Dealer always requotes when the price changes in the client's favor.

#### Max Profit Slippage Volume

The maximal volume of a transaction, at exceeding of which VirtualDealer always requotes when the price slips in the client's favor.

#### Gap Level (spreads)

The gap level is a value set in terms of spread. The gap mode is activated if the price difference between the current tick and the preceding tick exceeds or is equal to this level. For example, if Price Gap Level = 5 and spread is 3 points, the gap mode will be activated when the price changes by 15 (= 5 \* 3) or more points.

The gap mode is dedicated to processing of orders on news (for example, NFP).

Orders are processed in this mode in the way as follows:

 Stops are activated and processed only after the preset amount of confirmation ticks (Gap Tick Counter). For example, Price Gap Level = 5, spread is 3 points, and Gap Tick Counter = 5. At some time, a spike reaches 40 points and the gap mode is enabled (40 >= 5 \* 3), pending orders and stops will not be processed on this tick (gap). The next 3 ticks come with price changes by 3, 2 and 4 points. Finally, the 5th tick comes where the price change  Pending orders in gap are processed at the worst (for the client) price (BUY STOP, SELL STOP - at the gap price, BUY LIMIT, SELL LIMIT - at the client's price). At this, the order comment contains the note of [started/gap]. For example, the client has set SELL STOP at 1.2780. A spike from 1.2787 to 1.2730 has happened after some time.

EURUSD.H1 1.2792 1.2792 1.2784 1.2787

Counter will be reset and the count starts again.

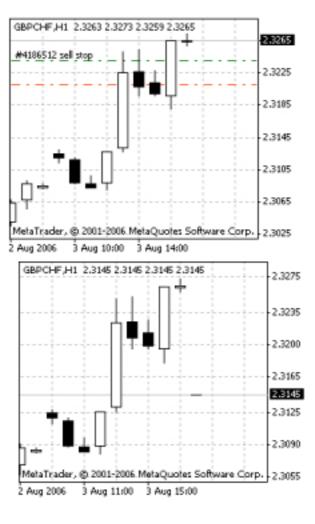
makes 1 point. At this moment, pending orders will be activated and stops will be processed at the price of this 5th tick. If a gap occurs among confirmation ticks again, the Gap Tick



The price change has made 57 points. If spread is 3, Price Gap Level = 4 and Gap Tick
Counter = 1, VirtualDealer will switch to the gap mode (57 >= 3 \* 4) and immediately open
the order at 1.2730, it means 50 points worse for the client.

3. If the gap concerns both the activation price of the pending order and its Take Profit,

If the gap concerns both the activation price of the pending order and its Take Profit,
 VirtualDealer, depending on the Gap Pendings Cancel value, will either cancel this order or
 activate it at the gap price with cleared Take Profit. Virtual Dealer will write
 [cancelled/gap] in the canceled order comments. For example, the client places the SELL
 STOP at 2.3240 and Take Profit at 2.3210. A spike from 2.3265 to 2.3145 takes place.



The price has changed by 120 points. If spread is 3, Price Gap Level = 4, Gap Tick Counter = 1 and Gap Pendings Cancel = 1, VirtualDealer will switch to the gap mode for this symbol (120 >= 3 \* 4) and cancel the order. But, if Gap Pendings Cancel = 0, VirtualDealer will open the client at 2.3145 and clear the Take Profit.

4. Stop Loss and Take Profit in gap can be processed with a slippage depending on the values of Gap Stop Loss Slide and Gap Take Profit Slide. If the Stop Loss slippage is allowed, the client can be closed at a worse (for the client) price. If the Take Profit slippage is allowed, the client can be closed at a better (for the client) price. In case of slippages in stops, VirtualDealer adds [sl/gap] or [tp/gap] for Stop Loss or Take Profit, respectively, in the order comments. For example, the client sets Stop Loss for BUY at 1.8820. At some time, the spike from 1.8881 to 1.8785 takes place.





The price change has made 96 points. If spread is 3, Price Gap Level = 4, Gap Tick Counter = 1 and Gap Stop Loss Slide = 1, VirtualDealer will switch to the gap mode for the symbol (96 >= 3 \* 4) and close the client at 1.8785, which is 35 worse for the client.

If this parameter is set for 0, the gap control will be disabled.

Gap Safe Level (spreads) Gap safe level defined in spread units. If slippage in points for a pending or a stop (Stop Loss или Take Profit) order is less than Gap Safe Level \* spread for a symbol, the request will be processed at the client's price. Otherwise, it will be processed at the gap price.

For example, a client has set SELL STOP at 0.7595. Φe some time, the price jumps from 0.7635 to 0.7585.



The price has changed by 50 points, and the difference between the client's price and the market one makes 10 points. At spread being equal to 3 points, Price Gap Level = 5 and Gap Safe Level = 4, the VirtualDealer will switch to the gap mode for the symbol (50 >= 3 \* 5) and activate the pending order at the client's price = 0.7595 without slippage since 10 <= 3 \* 4. If the Gap Safe Level were equal to 2, the VirtualDealer would activate the pending order at the gap price = 0.7585 since 10 > 3

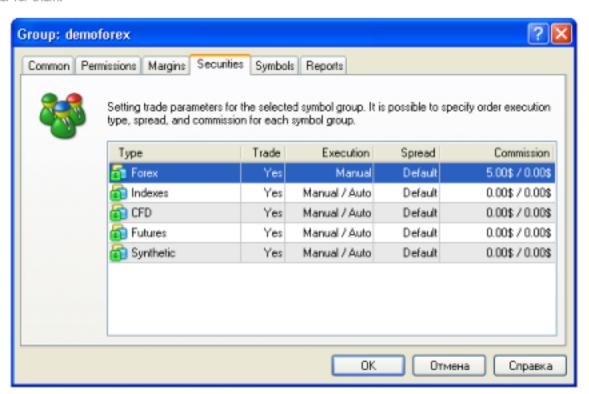
	* 2.
Gap Tick Counter	The amount of confirmation ticks (price changes do not exceed Spread * Price Gap Level) necessary to cancel the gap mode for a symbol. At this, pending orders and stops triggered in gap will be activated only in the latest tick, all intermediary ticks will be ignored.
Gap Pendings Cancel	Flag that allows to cancel pending orders with Take Profit levels caught within the gap (value "1" - orders with simultaneously concerned activation level and Take Profit are canceled and noted with [cancelled/gap] in the comment, "0" -pending orders will be activated at the gap price, [started/gap] being noted in the comments and Take Profit being cleared).
Gap Take Profit Slide	Flag that allows to slip Stop Loss in gap (value "1" - Stop Loss is processed at the gap price, "0" - StopLoss is processed at the client's price).
Gap Stop Loss Slide	Flag that allows to slip Take Profit in gap (value "1" - Take Profit is processed at the gap price, "0" - Take Profit is processed at the client's price).
News Stops & Freezes (levels)	This value indicates by how many times Limit & Stop Level and Freeze Level increase for symbols at the time of news. If it is equal to 0, it means that Limit & Stop Level and Freeze Level do not increase at all.
Allow Pendings on News	Flag that allows to work with pending orders (place, modify and delete) at the time of news (value "1" - pending orders are allowed to be placed or modified, "0" - pending orders are prohibited to be placed or modified).
News Time 1 News Time 2  News Time N	News time in the format as follows: year.month.day hour:minute:second, duration where duration is set in minutes. For example, if a news that would strongly affect the market for approximately 15 minutes must emerge at 5.00 p.m. on Monday, the 7th August 2006, 2006.08.07 17:00:00,15 must be inputted in the plugin settings. One can set any desirable amount of items in the list.

**Warning:** The Max Volume is just a declarative restriction. If the Virtual Dealer cannot find a dealer capable and allowed to process the request with the volume exceeding the Max Volume (there are no online dealers at all), the Maximum Volume parameter will not be taken into consideration and such a request will be processed by the Virtual Dealer.

If not only plugins, but also real dealers will operate simultaneously, it would probably be reasonable to allow dealers controlling of the plugin.

#### Server Setup and Manager's Account Setup

Before enabling the plugin, one has to set up groups and symbols using MetaTrader Administrator, as well as to open a special manager's account for Virtual Dealer. To do so, one has to set the necessary symbols in groups to be processed by Virtual Dealer to the manual processing mode. Then one has to enable the "Fast confirmation on IE with deviation specified" parameter for them.



Securities		? ×
Setting pa commission		group. Appoint type of order execution, spread, and
	✓ Enable	
	✓ Trade	Use confirmations in REQUEST mode
Execution:	manual only, no automation	<u>~</u>
Spread difference:	0 points	Do not check free margin after dealer's answer
Maximum deviation:	2 points (IE only)	Fast confirmation on IE with deviation specified
Close by		
	✓ Enable	✓ Multiple Close by orders
Auto dose-out:	None, do not use auto dose-out at th	e end of day
Lots		
Minimum:	0.00 Maximum:	1000.00 Step: 0.10
Commissions		
Standard:	0.0000 \$, money	per deal V Taxes: %
Agent points:	0.0000 \$, money	per deal 🔻
	ОК	Cancel

**Important:** The "Fast confirmation on IE with deviation specified" mode must be obligatorily enabled for symbols that will be processed by Virtual Dealer. Otherwise, the requests will not be processed by the plugin after requoting and result in losing them.

The next step is creation of the Virtual Dealer's account in the managers group. It can be 888, for example.

Login	Name	Group	Olty	Email	Balance	Status
888	VirtualDealer	manager			0.00	

After that, one has to add the Virtual Dealer's account (without authorizing it with any rights) to the managers list.

Login	Name	Mailbox	Groups	Rights
<b>266</b> 1	First Admin		*	admin, manager, accountant, dealer, con
<b>3</b> 3	Dealer	anton	,*,	admin, manager, accountant, dealer, con
888	VirtualDealer			

## Working with the Plugin

In order to enable the plugin, it is enough to specify delay that does not equal to zero, from 1 to 5. Then Virtual Dealer will start processing the incoming requests. To disable it correctly, one has set the delay for zero.

Important: All changes in the plugin settings take effect immediately and do not demand restarting of the server.

The actions of Virtual Dealer can be found in the server log using the search by "VirtualDealer" or by its account number (for example, '888').

# Sale of brokerage equipment, maintenance, additional services

All prices are in Euro (EUR)

# Turnkey FX brokerage software (BPO)

The customer is provided with various options for using Brokerage equipment, from renting BPO with a monthly payment for support and payment from deposits for a license, to purchasing a turnkey BPO with the acquisition (creation) of its own brand and a perpetual license

## 1 - without transfer to the customer = 5 700 one-time payment

(the customer does not have direct, physical access to the VDS and a copy of the MT4 server)

- monthly payment\* for those. support + license = min. 800 (+ 8% of deposits)
- full access to the server (MT4 Manager)
- limited number of user groups, symbols, full control of quotes
- one trading server is provided for Demo and Real accounts
- without own brand (possibility to purchase) \*\* / \*\*\*

## 2 - without transfer to the customer = 16 200

(no direct, physical access to VDS and copy of MT4 server)

- monthly payment\* for those, support + license = min, 500 (+5%)
- full control and access to the server (MT4 Manager)
- limited number of user groups, symbols, full control of quotes
- one trading server is provided for Demo and Real accounts
- without own brand (possibility to purchase) \*\* / \*\*\*

### - 3 - without transfer to the customer = 28 000

(there is no direct, physical access to the VDS and a copy of the MT4 server (but there is access to the MT4 Manager (MT4 Administrator is an additional option), when paying for a Perpetual license, the customer gets physical access to the VDS, several copies of the MT4 server, then everything is as in paragraph - 4 - )

- monthly payment\* for the license = min. 200 (+2%)
- full control and access to the server (MT4 Administrator option, MT4 Manager)
- limited number of user groups, symbols, full control of quotes
- one trading server is provided for Demo and Real accounts
- without own brand (possibility to purchase) \*\* / \*\*\*

#### - 4 - with transfer to the customer = 125 000

(the customer gets direct, physical access to the VDS and a copy of the MT4 server)

- monthly payment\* for the license = Perpetual license included in the price
- full control and access to the server (MT4 Administrator, MT4 Manager)
- the possibility of selling your own franchise, branches, representative offices
- unlimited number of user groups, symbols, full control of quotes
- two trading servers are provided for Demo and Real accounts + local server
- unlimited number of servers, the ability to organize the sale of software
- Own Brand\*\* included in the price

(Trading name, MT4 trading terminal, brand name license)

## - 5 - with transfer to the customer = 46 000

(ready-made assembly of the MT4 trading server with a perpetual license, the customer gets full control and access to the MT4 server Administrator and MT4 Manager, and direct, physical access to the VDS and a copy of the MT4 server at his disposal after paying the difference)

Own Brand + License can be obtained by paying the difference 89 000

\*\* Own brand = 28 000 (includes a fully registered MT4 server license in the name of the company (Brand name), own MT4 trading terminal for clients. MT4 multi terminal, MT4 mobile terminal for Android and iOS are purchased separately for 12 000 each only in addition. The trade name for entering the international market, concluding contracts with large leading banks, liquidity providers plays a big role. All possible development options will be available, as well as working with clients and partners for an official, legal company.)

\* Monthly payment includes payment for MT4 Server license

When purchasing, ordering the Own Brand, the client needs to pay only for the Perpetual License. The license price is formed according to the purchased server and is calculated individually for each contract.

Example [1]: The client gets access to the server (item 3) for 28 000, in this case the price of a perpetual license + server for him will be only 79 000 + creation of his own brand 28 000, Total: 135 000

Example [2]: The client rents a server for 1 point for 5 700, + wants to have his own brand (28 000), in this case, the price of a perpetual license and a server for him will be only 111 300, Total: = 145 000

Example [3]: The client paid for those, support at the beginning of the month 800, in a month clients came to him and in total opened 20 accounts for a total of 6000. More than in the past month, the client does not pay anything, since he has already paid at least 800, and 8% of 6 000 turns out to be 480, therefore he doesn't have to pay anything else

Example [4]: The client paid 800, 10 accounts were opened per month, the total amount was 13 000. The client needs to pay 13 000 - (13 000 \* 8%) - 800 = 240 at the end of the month and at the end of the month - 800 = 240 month you need to make a payment 240

\*\*\* Perpetual license is calculated until 2038 with a subsequent extension up to the maximum registration period.

#### WEB terminal:

- from 35 000 without source open source
- from 80 000 open source

The content of this commercial offer is for promotional purposes only, all prices are for reference only the final content of goods and services, prices may differ from reality. Request up-to-date information to contacts from our managers, check the availability and the possibility of making a deal

# Connection algorithm (Stages of work)

- launching the server to obtain information about the server operation (check) = 15% (the customer gets acquainted with the information received within 24-72 hours, makes the next payment and proceeds to the next stage of work, if there is no payment, the server is blocked)
- after studying and checking the server, the next payment in the amount of 45% (the customer can study up to 10 working days, test, check, configure the server)
- payment of the remaining part of the contract 40% (after payment, the server is transferred to the customer, installation on the customer's side, server launch, local server installation)
- payment is made in the payment system proposed by the contractor (possible payment systems and exchange offices can be clarified during the order process)

# Services for the administration of the Web portal, MT4 server, SEO and PR promotion

	1 year	3 years
Web	15 000	30 000
MT4	12 000	20 000
SEO	18 000	40 000

It is advisable to order both MT4 and Web services for completeness of the quality of service from one contractor with the same period of service and support in order to avoid conflicts, delays in order execution, untimely elimination and identification of errors

# When ordering "for 1 year" SEO + WEB + MT4 discount for 9 plugins 50%

## When ordering "for 3 years" SEO - a collection of 9 plugins \*\*\* Free!

A reputable company providing services in the financial markets spends an average of from \$ 30000 - \$ 100000 or more to promote their services not only on the Internet, but also in the media. We offer our minimum offer in terms of our price (costs) with the maximum effect.

SEO and PR support is an integral part of the promotion of any company, including any A brokerage company at any stage of development needs advertising. It is clear that the competition high on the market for these services, but "guerrilla" methods, gray methods, white methods promotion and promotion of any Web-portal give results. Social traffic networks new influx of customers. Video reports from real customers and YouTube video channel promotion also uses only the target audience and plays a positive role in this type of advertising. Effective working methods allow you to at least understand the TIC (ICS) in the first three months site up to 80 - 130 points, PR = 3 - 6, and increase the Alexa Rank to 450000 – 160 000 Social groups are being created networks for the company Fb, VK, promotion on Twitter, Telegram and YouTube channel with promotion, registration of active clients, "live" views.

When ordering SEO "for 3 years" + as a gift a database of various FX companies, investment funds with customer contacts (traders, investors) in total more than 1 800 000 + so a 20% discount is provided for any additional service.

# Server plugins \*\*\*

The MT4 trading server is supplied as is, as standard it has two loganalyser plugins and toptraders. A lot of people are engaged in the development and sale of ready-made plugins for the MT4 server companies and the price ranges from \$ 3 000 to \$ 5 000 and sometimes 7 000 - \$ 10 000 for just one development such as copying transactions (analogue of the Forex Copy system). Ready-made plugins can be bought cheaper if you rent a server or buy everything (mostly all software is rented).

Of course, a separate PAMM / RAMM system and the like, as well as a full-fledged Forex copy the service costs significant funds, sometimes even more expensive than the MT4 server itself! (developed by Alpari PAMM systems exceed \$ 300 000 + and more ...)

We offer a collection of 9 plugins for MT4 server at the price of 2000 for one, **Total 18 000 if you**order all plugins at once, or 3 000 separately for each one when buying a piece.

When ordering for a year: SEO + WEB + MT4 for all plugins (9 pcs.) 50% discount **Total price: 9 000** 

The sale of the MT4/MT5 trading server, server plugins, the provision of any other actions and consultations, as well as additional services, setting the final price under the contract is only within the competence of the Hi-Tech-Fx.com Administration

The client may be denied consultation and purchase without explanation

## Additional services for clients who have paid for the MT4 trading server

The client gets access to the MT5 server (MT5 Manager), while he only needs to pay for the annual contract. If the decision is made immediately 18 000, later in the process the price will be 30 000 in this case, he will be able to provide his clients not only with access to MT4, but also, respectively, to the MT5 server of both Demo and Real accounts. (P.4)

The cost of acquiring a turnkey MT5 server + a perpetual license in full ownership and management will be 90 000 immediately with one contract with MT4 and 125 000 if the client makes a decision in the process of work after purchasing the MT4 server. (P.4)

The amount of each contract is calculated individually, depending on the preferences and wishes of the client. To get the exact figure, you need to contact the contacts.

Turnkey ready business "Binary Options" (from 24 to 72 hours)

- 1Bo 12 000 distribution = 30% of deposits gives
- 2Bo 19 000 no distribution, all 100% of deposits are kept by the customer

Ready business floor key "Cryptocurrency Exchange" (from 24 to 72 hours)

- 1Kb - 19 000 - no distribution, all 100% of deposits are left by the customer

When ordering - 2Bo - 50% discount is provided for payment immediately - 1Kb - Total 2Bo + 1 KB: 28 500

BO and KB represent completely finished, working, business projects. Ready with the first minutes to work with clients on a full automatic basis, including automatic payment acceptance, stream of quotes for work. Management is carried out through the Web interface of the administrative part, the client has his own personal account with the necessary, basic set of functions. Domain and hosting is provided by the customer. Projects are provided without unique design, but with the necessary indication of contact coordinates (if necessary) making changes and additions to the customer's specifications. Completely open source, which in the future can be modified and changed by the customer at any time. Use time without restrictions and additional payments. Ongoing costs of paying for domain and hosting, as well as advertising of their projects is taken directly by the customer.

There are enough examples of such promoted projects on the Internet today:

https://www.intrade.bar/ https://binomo.com/ https://www.bybit.com/ru-RU/ https://www.bitforex.com/ru/ https://btc-alpha.com/ru/

# Additional discounts when ordering in the amount of:

- from 130 000 10%
- from 230 000 20%
- from 330 000 and more 30%

**ATTENTION!** If the customer provides his trading server, the price of a perpetual license is 174 000 = 56 000 without additional discounts. Each subsequent perpetual license for this customer will be 38 000, a full upgrade to the current Build upon request will be only 19 000

# For regular customers there are additional discounts!

You can ask all questions via Skype: hi-tech-fx

Mail: salemt4srv@gmail.com

WhatsApp: +370 643 03708

Payment is accepted in BTC, PerfectMoney