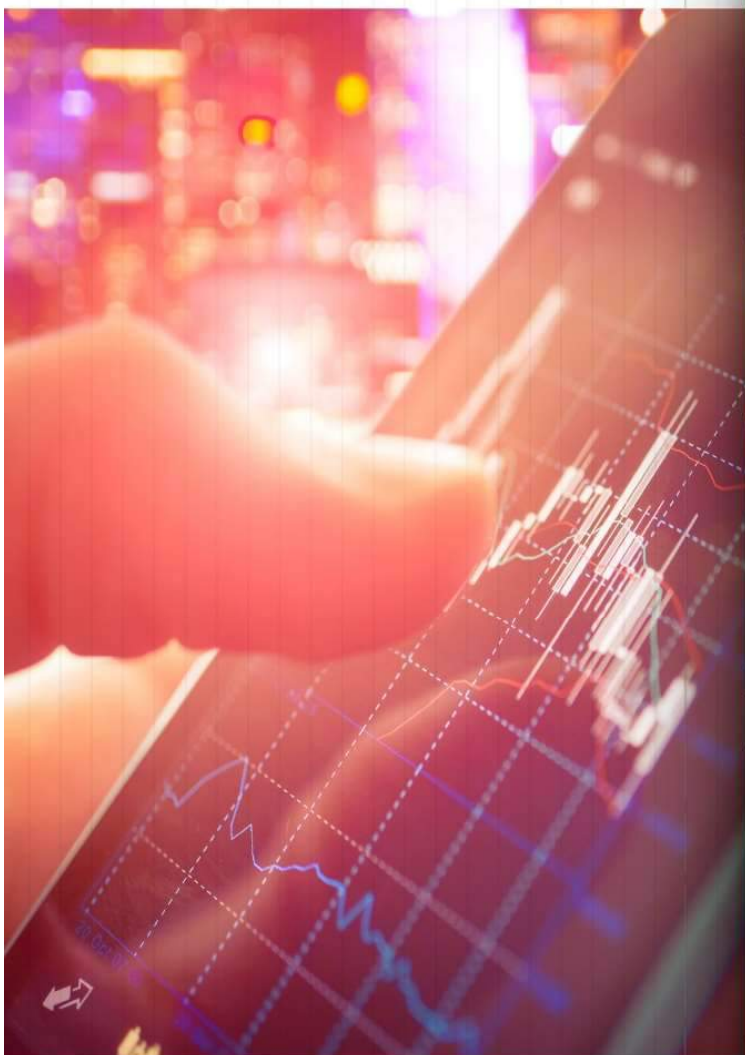


User's Manual

Carefully read all the recommendations

Ask all your questions

Our Support service works 16 hours/7 days



PRO VSA EA 5+

PROFOREXEA.COM



The most promising EA 2017-2019



Created by a team of professionals



support@proforexea.com

Increase the efficiency of trading **by 256% today!**

The market is full of offers about trading robots. In 90% of cases nothing new is not created, but only old algorithms are changed. Our trading robot PRO VSA EA is created from the ground up and is the most technologically advanced trading robot, which is now freely available.

11 years of trading experience in the forex market, allowed to create a truly perfect algorithm, based on the principles of trade used by bank traders.

You have a unique opportunity to start trading at the level with professional traders.

95% of traders regularly lose money and can not reach a stable profit and for this there are several reasons:

- Lack of information
- Negative mathematical expectation of the strategy
- Obsolete public methods of trade
- Interference from broker and etc..

To make a full-scale volume analysis of the market is beyond the strength of an ordinary trader without specialized software. The main secret of the success PRO VSA EA - every second tracking the actions of market makers. We do not follow the lagging indicators, but we open the deal at the moment of the beginning impulsive movement created by the big traders. Due to the high accuracy of the signals and the ideal development of the mathematical side of the strategy, over 80% of the transactions are closed by the advisor with a profit.

The number of copies sold is limited to 399 copies. This ensures that the strategy will remain available, only a limited number of traders. You have a chance to become the owner of a unique strategy that has proven its profitability on a variety of accounts.

**"Miserliness
is a constant
poverty in
fear of
poverty."**

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PRO VSA
EA**

Description of the trading strategy

The real values of the volumes in the forex market are absent. It is impossible to figure out the volumes, the market is global and is not concentrated within one exchange.

Despite this, volumetric analysis strategies are actively used in forex. We can assume about volume based on ticks and spreads.

To make a decision on the opening of a trade, a mathematical model calculated using the logarithm. This mathematical model includes a logarithmic relationship between the current spread, the last 2 minutes of tick quotes of the current instrument, the final impulse before opening (the last two ticks) and the current spread during the opening.

VolumeOrderFlow - conditional coefficient involved in the calculation of the logarithm. It is an indicator of tick activity. The higher VolumeOrderFlow value, the more market activity is required. Based on these values, a mathematical model is calculated.

The greater the volume, the likelihood of a positive outcome of the trade, the higher, but the number of trades will be much less, since the necessary activity does not occur often.

Empirically established the standard value of 2 or 2.5. At that, the number of positive trades is usually more negative and you do not have to wait for trades in weeks :)

Using this trading strategy, we are in the market only at those moments when there is impulse in the market and most likely the price movement will follow the impulse. When the market is calm, we wait for the conditions for opening a deal.

Absolutely normal situation when the adviser does not open trades for 1-2 days.

**"How much
do you
know of
millionaires
who have
become rich
by investing
in bank
deposits?"**

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Basic Principles of Profitable Trading

1. For profitable work of the Expert Advisor, you must use the VPS server. Without using VPS, the probability of successful trading is less than 10%.

Carefully read the requirements for the VPS server.

- **Version Windows:** Windows server 2008/2012
- **Location:** London
- **Company:** [Chocoping](#)
- **RAM:** Not less than 2 GB

Optimal for the ratio of price / quality is the company – Chocoping.

2. Before using the EA on a real account, you need to understand his work on the demo account and ask all incomprehensible/interesting questions.
3. A key role in the profitability of our advisor is played speed with which orders are executed. Then higher execution speed of your broker, then more chances to make a profit.
4. **The speed of execution of transactions should not exceed 1000 ms, with a minimum number of requotes and minimal slippage. Trade with brokers with FCA regulation. Also use brokers from the list of recommended brokers.**
5. It is most preferable to use accounts with **Instant execution**. It is also possible to use accounts with the **Market execution**, but this type of accounts increases the risks due to possible slippage.
6. Through the task manager, while working on a new server, you need to monitor the server load. Start the task manager on the VPS server by pressing the keys **Ctrl+Shift+Esc**.
7. **In case of an unsatisfactory result of the trade, report this to the support service. Most likely we know what the problem is and help you set everything up.**

History Changelog

v1.17 (1 December 2015) - calculation of the lot for risk, the maximum lot is limited by the amount of available funds, and the maximum allowed by the broker

v1.18 (21 January 2016) - UDP

v2.26 (16 March 2016) - this is the common version number for the entire set

- accurate timers
- FIXUDP
- *SymbolSuffix

v3.27 (29 June 2016) -- position locking

- auto-alignment spread
- dynamic TP

v3.28 (2 July 2016) -- bugfix

v3.29 (1 September 2016) -- max order life time

-- scheduler - the work of the bot on schedule at the end of the session again expects a minimum lifetime and closes a couple of orders

v3.30 (24 December 2016) -- fixed lotsize for counter signals

v3.31 (29 January 2017) -- fixed closing of the deal on take profit, with ordermaxlifetime

v4.32 (18 April 2017) -- VolumeOrderFlow calculation includes a broker commission

- display of commission in points
- log correction
- maximum spread - the ban on opening new positions if the spread exceeds the maximum allowable value

V4.33 (3 August 2017) -- max allowed spread - If the spread exceeds the value of the signals to the input are ignored, the log displays a spread over

- connection of the scheduler to the news schedule.
- maxexecutiontime = 1000; // max execution time, ms. - when exceeding the opening of new positions is terminated
- maxexecutionslip= 10.0; // max execution slippage, pp. - when exceeding the opening of new positions is terminated

V4.34 (9 November 2017) -- output slip on the infopanel, the last and average values.

V4.35 (21 December 2017) -- completion of the news planner,

- // start hour:minute:second - start of trading
- // stop trade hour:minute:second - ban on the opening of new positions
- // close positions hour:minute:second - closing all positions, including the lock
- //--- news sheduler section ---
- // disable trade before news, minutes - ban on the opening of new positions
- // close existing positions before news, minutes - closing all positions, including the lock
- // indent after news, minutes - resumption of trading

V4.36 (11 January 2018) -- Built-in UDP. Optimization of work, increase the speed of the algorithm.

V4.9 (01 March 2018) -- Optimization of code, elimination of version errors. Finish version before global strategy update.

V5.0 (21 June 2018) -- Global update. Focus on ECN brokers.

// Adaptation of the code for MT4 Build 1090+

**"You want
to have a
good
income?
Then act!"**

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// Updated list of brokers

//Commission \$\$ for 1 mil.dollars

//Virtual Take If Rollback more than

//TrailingStop – normal trailing works in conjunction with BreakEven

//BreakEven – will increase the mathematical expectation of the strategy. In manual mode, adapts to the quality of the broker's execution.

//AutoSlippage – Reducing the number of requotes on Instant accounts. Neural algorithm for determining the maximum allowable deviation.

//MarketOrder – the issuance of S/L and T/P after the opening of the transaction.

V5.1 (5 July 2018) – Strict character control. Rejection of the function symbolsuffix. Added VolumeSymbol function. For each symbol, an individual formula is used to measure the degree of influence of VolumeOrderFlow at the moment the price moves.

V5.2 (8 August 2018) - Protection against unauthorized trades. EA is initialized on the first tick.

V5.3 (8 August 2018) - Adapted for FIX terminal fixapitrading.com.

Setting up work with offline Charts through the On(tick) function call or the only Init function call.

V5.4 (10 December 2018) - The logic of the work is divided into three modes. Mode_Plain, Mode_scalping_avg, Mode_Scalping_Hedge.

Mode_scalping_avg works in test mode. + VirtualTake_Profit

--- consider existAddition + existPosition

--- consider VirtualTakeType

+ VirtualStop_Loss

+ Take_Profit

+ Stop_Loss

+ AppendOnDD

+ AppendLotKoef

POSITION CLOSED

this print is in case of a non-zero ticket, dropped on a ticket from topping up

at the same time the profit calculates is not true

StopLossTrade - considers posture and topping up as two different postures, you need to take into account and adjust the calculation

V5.5 (04 April 2018) - bug fix, breakeven disabled for marin_mode, fixed MinOrderLifeTime and MaxOrderLifeTime, pause between orders. Trailing Stop is working in Mode_scalping_avg, adapting two algorithms Mode_scalping_avg, Mode_scalping_hedge.

Correction of the news filter, protection from constant attempts to hack the algorithm.

V5.6 (20 January 2019) – Added cryptocurrencies and additional indexes to the Premium package

V5.7 (16 Jul 2019) – bug fix socet, combination of mode_hedge and mode_avg code, in mode_scalping mode: Min / Max lifetime for transactions, taking into account the minimum order time

V5.8 (01 Sep 2019) – socket restart by time, stability of the licensed server increased, trailing stop in mode_avg mode. Changed names of templates and settings

V5.9 (12 Dec 2019) – Debug BreakEven mode in mode_scalping. Increased resistance to slippage by increasing the mathematical expectation of the strategy.

V6.0 (17 Feb 2020) – TrailingStop Virtual mode. Now you can work with the minimum values despite the limitations of the broker. Changed settings in set files and templates.

**"My main
advice - do
not lose
money
because of
ignorance,
but use the
tools that
are now
working."**

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Installing the Expert Advisor in Metatrader



After downloading, you received the archive Pro_VSA_EA_Demo_6.0_ST_UL.zip. Unzip this archive. The structure of the archive is as follows:

1. - EA Package Demo - Standart - folder containing MT4 and MT5 versions of the Standart package.
2. - EA Package Demo - Ultimate - folder containing MT4 and MT5 versions of the Ultimate package.
3. User Guide - a folder containing instructions
4. !!! Read Before Installation !!! - read before installation.

Installation and setup PRO VSA EA

Video instructions and text materials can be found on this page –

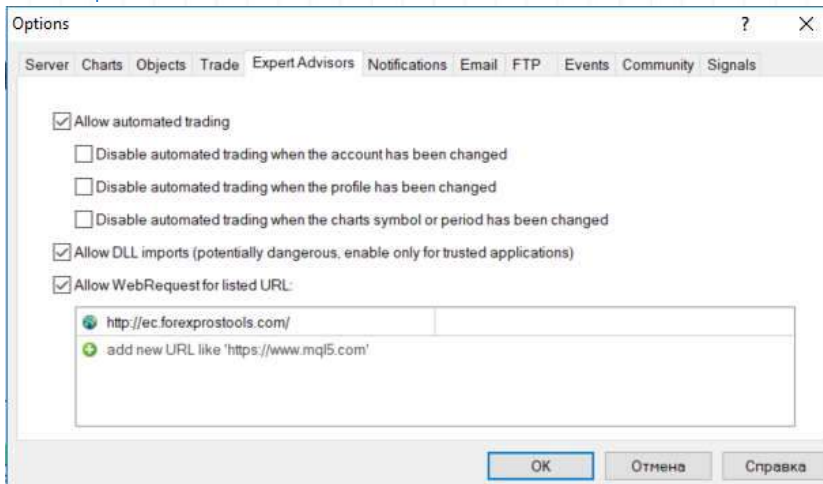
<https://proforexea.com/how-install-pro-vsa-ea/>

"If you are happy, sitting in one place and not taking risks, you will remain seated in the same place for the next 20 years."

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Enable filter to disable trading during news

1. Go to the trading terminal -> Tools -> Options -> Expert Advisors. Check to be check mark as scrin. It is important that DLL imports have been allowed. **Without this checkmark EA will not work!**
2. Allow WebRequest for listed URL and enter this link, in case you want to use a news filter:
<http://ec.forexprostools.com>



"Who does not leave anything to chance, almost everything does the right thing - only he can do little."

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Settings and Features PRO VSA EA

A lot of settings at first glance may seem too complicated, but it's not. By default, the Expert Advisor comes with the recommended settings for all brokers from the list **Important - Brokers for Trade**. In case you want to work with another broker, it is possible that to achieve profit necessary to select the settings for this broker type of account.

== Main Section ==

- **Login** - Only in real version. indicate login and password received in the letter after purchase.
- **Password** - Only in real version. indicate login and password received in the letter after purchase.
- **CurrentSymbol** - Select the symbol from the list in accordance with the current Chart of the currency pair.
- **BotMode** - An important parameter. Method of managing open orders. This parameter does not affect the conditions of opening a trade.

mode_scalping - Short trades. The closing of the trade will occur when the conditions of one of the parameters are fulfilled:

VirtualTake_Profit/VirtualStop_Loss/MaxOrderLifeTime/TrailingStop(If enabled)/ BreakEven(If enabled).

mode_scalping_hedge - MaxOrderLifeTime / MinOrderLifeTime is taken into account. if VirtualTake or VirtualStop happened before the minimum time, a locking order is opened. Otherwise - closing. Closing is carried out according to the following logic: By the BUY signal, the SELL is closed, and by the signal on the SELL, the BUY is closed. Also, full closure can occur on the news or at the end of the day. If these parameters are activated.

mode_scalping_avg - Position averaging. Perspective development direction of the strategy. All trades are opened according to the trend based on the exact signal of the direction of price movement. This is the main difference of our algorithm, from any other robot using martingale. We also use SL.

The use of this mode is important if the broker has regular slippage. This mode is controlled by parameters from the section - = AVG = -.

This mode also takes into account **VirtualTP, VirtualSL, TakeProfit, StopLoss, MaxLifeTime, TrailingStop**.

SL for the entire series of orders is set to SL of the first order.

TP for the entire series of orders is set equal to TP of the first order.

When using this mode, it is best to select the settings for each currency pair. Namely, the size of TP and SL.

- **VolumeOrderFlow** - The optimum value ranges from 2 to 5. This parameter is the key value that defines the conditions of the order opening. The larger this value, the fewer orders are opened and

"Only those
who are
ready to
take risks
swim away.
Safe boats
do not go
far from
shore."

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the more likely the order will close with a profit. The smaller this value, the more often the EA opens deals, but the probability of profitability of such transactions becomes smaller.

- **SpreadCoef** – Can be any number from 0 to 1. This parameter is introduced in order to correct the value of the spread, and use in the algorithms in the advisor. We recommend to vary this ratio from 0.3 to 0.6.
- **Commission \$\$ for 1.000 000 dollars. one side** – commission broker for opening transaction in one side. If there is no commission, then enter 0.
- **TradeReverse** – True/False. Slippage protection. When enabled in True, the EA will open the opposite deals, the main signal.

== Protection Section ==

- **Impulse** – The difference in two successive ticks. Indicated in pips. Разница в двух следующих друг за другом тиков. Указывается в пунктах. If the condition for opening the VolumeOrderFlow is satisfied, but the amount of the impulse will be insufficient, the Expert Advisor will not open the transactions. This parameter is a filter for false signals.
- **StopLossTrade** – the number of consecutive, unprofitable transactions, after which the advisor will stop the trade. Trade will be stopped before the intervention of the trader.
- **Max Allowed spread** – The maximum value of the spread at which the adviser can trade.
- **Max Execution Time** – If the execution time of the last transaction is higher than the set value, then the trade will be stopped.
- **Max Execution Slippage** – If the slip in the last trade is higher than the set value, then the trade will be stopped.
- **Min Order Life Time in seconds** – Minimum order lifetime.
- **Max Order Life Time in seconds** – The maximum lifetime of the order.

== Trade Order Section ==

- **VirtualTake_Profit** – Virtual take profit. It is recommended to use a value from 1 to 3. If 0, it is turned off.
- **VirtualStop_Loss** – virtual stop loss, invisible to the broker. It is recommended to change this value from 5 to 10.
- **VirtualTake if Rollback more then** – Calculate the rollback of the maximum value of the current candle. Use a value of 0.5 - 1 to trade in a volatile market, and use the value of 1-5 to trade during news releases.
- **Take_Profit** – Visible Take that is sent in order for opening an order.
- **Stop_Loss** – Visible Stop that is sent in order for.

== AVG==

- **Append On DroDown** – The size of the drawdown in the pips to open the first order.
- **Append Size Of Base** – The ratio by which the size of the lot of the next order will increase.
- **Append step koef** – The coefficient by which the size of the grid step from the previous order will increase.
- **AppendStepCnt** – The maximum steps for increasing the lot

**"Always
determine
your risks
so you do
not have to
worry
about
them."**

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== OrderManagement Section==

- **EnableTrailingStop** – OFF/ON/Virtual. Enable/Disable the trailing stop.
- **TrailingStart** – number of pips, through activated TrailingStop
- **TrailingStop** – trailing stop level.
- **TrailingStep** – trailing stop step.
- **EnableBreakeven** – True/False. Virtual Lossless Level.
- **BreakevenTrigger** – The number of profit pips, for triggering a breakeven.
- **BreakevenLevel** – The level of the breakeven from the opening price.
- **OrderOpenSlippage** – slip on the opening order.
- **OrderCloseSlippage** – slip on order closing.
- **AutoSlippage** – True/False Advisor automatically calculates the possible slippage, based on the market data.
- **Use Locks** – True/False. Lock position instead of take.
- **AlwaysInMarket** – True/False. When you turn on, the lock will not close. When signals arrive, one of the transactions in the lock will be closed and a new one will open.
- **MarketOrder** – True/False, in the case of True, the advisor sets the S/L and T/P after opening the order. This function is needed for accounts with Market execution.
- **Magic** – The unique number used to identify the orders of the adviser

== Money Management section ==

- **AutoRisk - % of balance** – risk per trade is determined in % of available funds. On accounts where the leverage is too small, it is recommended to use this option by 1-5%. On accounts where the leverage is greater than 1: 500, you can use the risk to 10%.
- **Lot** – fixed lot for trade.
- **MaxLot** – The highest possible lot, when ea use with parameter AutoRisk.

== Sheduler section==

- **UseSheduler** – True/False. Use or not the scheduler. The scheduler is applicable if you enable the AlwaysInMarket parameter to avoid swaps.
- **StartTime** – Time to start trading.
- **EndTradeTime** – The end time of the trade. After this time, new transactions are not opened.
- **CloseTradeTime** – Closing time for all trades.

== News Sheduler section ==

The filter is set to turn off trading during the news.

- **Disable Trade before News** – Stop the trade before the news.
- **Close Existing** – Close existing transactions before release.
- **Indent after News, minutes** – 0 disable news filter. Initialization after a specified number of minutes after the news.
- **Your Time Zone** – Specify the time of your broker's terminal by GMT(1,2,3 or -1,-2,-3).
- **Enable hard news** – Consider important news.
- **Enable medium news** – Consider news of medium importance.
- **Enable light news** – Consider news of low importance.

"Successful
investments
are
comparable
to
convincing
people of
their
rightness ...
later."

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- **NewsSymb** – Symbols to take into account the news.

Other parameters respond to the graphical display of news and a set of tools that take news into account.

Licensing

On the pages of our site, you can review the terms of the [license agreement](#) using our product, you automatically agree to the terms of this agreement.

After buying an advisor, you are given a unique login and password, as well as an adviser with the ability to work on real trading accounts. The license is limited to the number of trading terminals for simultaneous work. There are no bindings to the account. You can turn off one trading terminal and start work on another one.

The **demo version** of the Expert Advisor on one computer can work on an unlimited number of terminals of different brokers and on several charts of currency pairs. The **real version**, depending on the chosen tariff plan.

Features of use and examples of settings

The algorithm has a wide range of settings. On the one hand, this may frighten the novice user, on the other hand, these settings allow you to adapt the algorithm to the broker's particular trading conditions and trader's work style.

Basic settings affecting the number of trades:

VolumeOrderFlow, SpreadCoef, Impulse. These parameters have a direct correlation between the number of transactions and their accuracy. The higher the values of these parameters, the greater the likelihood of opening a trade in the right direction of the market movement, but the probability of slipping also increases.

Examples of settings are in the Presets folder and Template:

mode_scalping. Short trades. The adviser quickly enters the market, takes a profit equal to VirtTakeProfit or BreakEven and exits.

- + There may be a lot of short profitable trades.
- + Probability to close a trade on SL minimum
- + Can earn high profits in a short time.
- One unprofitable transaction can be equal to several profitable
- Brokers don't like short trades

Mode Scalping Hedge. The principle of operation is similar to mode_scalping, but instead of closing a trade on VirtualTakeProfit, a Hedge trade is open. Exit the trade is carried out to achieve the specified value of the MaxOrderLifeTime parameter.

"Not one person in the world knows how the markets will behave in the short term. But modern technologies allow us to predict short-term trends."

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Mode_Scalping_AVG. Trading during news is disabled. If the TakeProfit trigger condition is not fulfilled, the trade goes into a drawdown by a specified number of pips in the Append On DroDown parameter, the next trade with the lot size will be opened (Lot * Append Size Of Base). For the entire series, SL and TP of the first trade are used. The trade is controlled by the TrailingStop parameter.

In addition to these settings, you can configure your settings that will fit your broker. There is always a chance that the broker will open orders with strong slippage, for this there is a parameter TradeReverse.

Brokers often change the nature of order execution, the market is also volatile. "We do not sell the money button" You are given the opportunity to use a modern trading robot with an advanced trading strategy. You must understand how a trading robot works in order to evaluate its trading and, if necessary, adjust the settings yourself.

If you are not ready to deal with the PRO_VSA_EA trading methods, we strongly recommend that you consider any other trading robot that guarantees 20-30% per month and then successfully loses the entire deposit overnight.

My Trading Philosophy

The forex market is the only market that has such high volatility and allows any trader to get high leverage. The knowledge of these facts has developed the following approaches for me.

1. In Forex, I could not make money using long-term or medium-term trading strategies. This is due to the huge number of factors that affect the price movement, which is impossible to predict. The situation may change completely in the next trading session and the further holding of the transaction will be similar to playing the lottery, lucky or not.
2. On forex scalper trading strategies work best. This fact cannot be disproved. During the day, a dozen impulsive movements can happen that make it possible to make money. The only correct approach is to enter the market with a clear signal with rigidly defined SL and TP, then exit the market with a profit or loss.
3. Leverage - money out of thin air (broker money). You can always use it, but if the broker decides that you are taking advantage of leverage, he will prevent you from continuing to trade. Therefore, you can never get a large percentage of profits on one account. Account must be regularly changed.

**"At the root
of every
successful
company
stands once
taken a
bold
decision."**

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The result

Advisor Pro VSA EA, has some subtleties in installation and configuration, but these features of the installation are associated with its innovative trading strategy. **The development of the algorithm spent more than 3000 hours.** You are given the opportunity to feel like a professional trader.

Installing the Expert Advisor once, you will no longer have difficulties in its further configuration. We tried to simplify as much as possible its complex algorithms and create basic settings through three parameters VolumeOrderFlow, SpreadCoef, Impulse.

Recommendations:

- Use the VPS server
- Install the Expert Advisor on all recommended currency pairs
- Work with several brokers
- In case of high delays in execution and slippage, change the account
- Make sure that the advisor is in the status - **Ready, Volume Spread analysis start**
- A detailed log of the advisor's actions is located in the Experts tab of the trading terminal

The number of copies sold is limited to 399 copies. On June 21, 2018, 304 copies were sold. This is due to the fact that we do not want our trading methods to gain wide popularity. In addition, when creating an advisor, we did not set the task of putting it up for sale and earning on the sales advisor. A limited number of sales advisor, will make our product even better and for a long time to make a profit.