

A new Profitable forex EA based on price action and candle sticks formation.

Am looking a developer who can create a profitable EA based on a combination of candle sticks pattern, price action and trend following which tracks market movements and looks for trading positions that have high probability and low risk and will have two parts (part one for normal market orders and part two for pending orders to only work during high impact news release) the robot to be compatible with mt5.

-----Normal Market Mode (Part one) -----

I want a situation whereby once I put the Robot on any chart and chose buy or sell and then type number of trades to open then it will only buy or sell in that particular direction only.

That is if I put the Robot on the chart and chose buy, type number of trades to open example 1 or 2 and chose the time frame example 1min, 5min, 30min, 1hour or any time frame then if at the end of the candle it is still a bullish/buy candle then the robot should open 1 or 2 buy position since I chose buy and number of trades to open, I typed 1 or 2 on the parameter section.

The robot will open again with the same lot size and number of trades if the next candle is still bullish, it keeps buying until when the next candle is bearish/sell or negative the Robot should not perform any task and vice versa.

That is if I chose buy, then the Robot only has to keep buying so long as the next candle is bullish and if the next candle is bearish then it won't buy or sell and it will wait until any candle closes positive again then it will continue buying again and again and vice versa.

The robot must have an option to set/select a delay period of at least 1-2 seconds delay before it opens any trade this is to avoid confusion whereby the candle stick has indecision of whether it is a buy or a sell candle... so the 1-2 seconds delay is to make the robot to confirm and be sure that it is the exact buy/bullish or sell/bearish candle before it performs any action... and it will help to minimise losses that would have occurred during the indecision of the candle.

The robot Must work with any Broker and can be installed in different accounts at the same time/parallel. So, no restrictions since am the only user.

The robot must be able to trade on both low and higher time frame (example from M1-M5 - M15 - M30 - H1 - H4 - D1)

The robot must be able to trade and grow small accounts/deposits starting from \$50, \$100, \$200 to unlimited.

The robot must be Master trader trading in parallel: **all and different forex pairs**, All Currency pairs, stocks, All Metals/Commodities (example: Gold, Silver...), All Cryptos (example: Bitcoin, Ethereum.), synthetics and **all indices**

The Robot algorithm to accurately detect the trend reversal, to be able to filter out market noise and generate accurate positions.

The robot should have an option where I can either turn it on or off (on top of the parameter)- when I don't want it to trade in a certain market condition, I should click on turn off button this will stop all surprise activities that might occur when am not online then when I want to use it, I just turn it on and it starts opening trades instantly.

The robot should also display an overall gain or lost pip counter on the charts (for normal markets chart on the top-left for news chart (part two) on the top right).

No Martingale

No Grid

No Hedge

No Arbitrage

Trend and momentum trading, following the trend will help to reduce DD - draw down

The robot to be able to prompt the current trend direction and keep following the trend as it opens the trades.

The robot must have Smart time filter to avoid unexpected falling, rising, gap...

The robot must have Spread and slippage control

The robot must have Smart risk control module

Minimum Leverage from 1:100 onwards

The robot to be able to do Technical Analysis and Technical Trading, check Market Conditions automatically

The robot to have built-in / in-built lot size increaser, this quickly and easily increases lot sizes as per my account balance grows... meaning when setting the robot while the account balance is example 100usd or below set lot size to start from 0.01 and run with it till balance reaches 1000usd, (it should be manually set from the parameter for first time) then when the account balance reaches 1000usd, the in-built lot size increaser activates and increases from 0.01 - 0.02 - when balances grows to 3000usd lot size increases to 0.03 -when the balance is 4000usd, the lot size increases to 0.04 - 5000usd balance, lot- 0.05, 6000usd balance lot size- 0.06 - 7000usd lot size 0.07 - 8000usd lot size- 0.08 -9000usd balance lot size 0.09 - 10,000usd lot size 0.10- 11,000usd lot size - 0.11 - 12000usd account balance lot size 0.12 - 0.13 - 0.14 - 0.15 – 0.16 – 0.17 – 0.18 – 0.19 -0.20 and so on the maximum lot size set to 5 meaning the lot size increaser should not exceed 5 so after lot size of 4.9, the robot will run all other trades with just lot size of 5 period even if the balance goes beyond \$100000. Please not the pattern/sequence of the increase of lot size is from 0.01 to 0.02 onwards and not from 0.01 to 0.1 directly. On the parameter it should have true/false to select whether to use the lot size increaser or not. If false/not, then the manual lot size will be active till trades are closed. Note: Lot size increaser to only increase lot size when the balance has been increased/added by a \$1000.

Equity Trailing TP - The robot must have Equity Trailing Take Profit. This doesn't require a physical pip-based TP on each trade, instead it follows all trades from each pair in a "basket", and when one basket reaches a pre-defined percentage, it will trigger this EquityTrailTP to start, locking in half the profit and it will begin trailing it up with the potential of making a lot more, while maintaining the safe guard of never losing once the TP is locked in. Make true by default on the parameter.

The Robot will Use Auto Adjust Hard Stop Loss and Take Profit for each position, also there will be global take profit and global stop loss for all trades which won't be adjusted. Adjustment only applies to every single trade's TP and SL. The global TP and SL to show on the chart with a blue and orange dashed line using the pips set on the parameter.

DD Stop loss - A fail safe, set a percentage account balance to close all trades at a certain drawdown percentage in a worst-case scenario and cut losses if it exceeds a certain threshold. The robot to have Minimum DD stop loss at 10%(default) and Maximum DD stop loss at 20%(default) of account balance.

Hide from broker - the robot should have a feature that will hide all my trading style from brokers completely and commentary name on orders in Mt5 app to be hidden too.

The robot must force close all trades everyday by 2320hrs (11:20pm) even if the Global TP has not been hit, after closing the trades, the robot should not open any new trades till the next day at 0010hrs (12:10am) - No trades should be swapped for the next day. So, all opened trades at night should be closed before midnight at exactly 11:20PM then the robot to resume trading the next day from 12:10 AM this will apply from Monday to Friday. No activities on Saturday and Sundays during forex market but on synthetic indices chart, I can enable(true) weekend trading on parameter but also all trades to close by 11:20pm so definitely the function to work all days (Monday-Sunday). Close by 11:20pm open by 12:10am the following day.

The robot to have a high win rate and a low drawdown rate.

The robot Must close all opened trades with profit 15 mins before News is released even if the global take profit has not been hit - close automatically in profits because it will be trading in just one direction at a time either buy or sell. So, make it true but default on the parameter. This to only apply on high impact news, for low and medium impact news, the trades should not be closed.

The robot Must have Smart news filter (more in part two)

-----News Mode (Part Two) -----

Smart News Filter - The robot Must be able to trade during the news due to high volatility during news events (Note this function to only be active after the normal market orders have been closed all in profits as instructed in part one)

During the release of economic news, the price can overcome tens of points only in the first few minutes after the release. It is very risky to trade normal market orders during high volatility, as it is difficult to quickly respond to the rapidly changing quotes and actual data of a news release.

So, the robot should implement news trading strategy using pending orders

The strategy using pending stop orders is classic when trading on the news period. Buy-Stop and Sell-Stop orders are placed immediately before the data is released.

The robot to hold orders (pending) until the actual news data is released at a specified level from the current market price.

So, the robot should be able to set at least 2 pending orders buy stop and sell stop just 10 minutes before the news release that means the robot must be able to open pending orders 10 mins before the news and the orders to be adjusted according to the current market price till the exact time the news is released.

Simply we can set the time on the robot to 10 minutes prior to the news release time (for example, if the news is scheduled at 3:30pm, the robot to open the pending orders at 3:20pm automatically) meaning it will close all market orders (in part one 15 minutes earlier before news) and open pending orders 10 minutes before the news release.

This feature should be built-in to always be checking if there will be news in the next 30 mins or not so it should be downloading the news data everyday - fresh data on a daily basis because on some days there might be high impact news multiple times in a day so it's good for the robot to always have fresh data in advance and keep checking/monitoring every 30 mins.

Then after the news is released, the robot to go back to normal/market orders automatically after at least 15 mins after news is over.

-----News Source Feed can be found here (select the ones that will work well with the robot) -----

News Feed 1: "Forex Factory Calendar" <https://www.forexfactory.com/calendar>

News Feed 2: <https://mqlbox.com>,

News Feed 3: <https://ec.forexprostools.com/>

News Feed 4: "MyFxBook" myfxbook.com/en/forex-economic-calendar

News Feed 5: <https://www.investing.com/economic-calendar/>

The robot to be optimized to get up-to-date data quickly/fast on a daily basis.

The robot to check, trade and only stick to high impact news / fundamentals news.

Example

USD

NFP
ADP NON-FARM DATA
EMPLOYMENT RATE
Core PPI/PPI
FOMC
Federal Funds Rate
Core/Retail Sales
Empire State Manufacturing Index
Prelim UoM

CAD

GDP
CORE CPI
EMPLOYMENT CHANGE
CORE RETAIL SALES

GBP

MANUFACTURING PMI
CONSTRUCTION PMI
Claimant Count Change
GDP
CPI
MPC

NZD

GDP

AUD

RETAIL SALES
EMPLOYMENT CHANGE
INTEREST RATES
CORE RETAIL SALES
Unemployment Rate

EUR

Monetary Policy Statement
Main Refinancing Rate
ECB Press Conference

JPY

Monetary Policy Statement
BOJ Press Conference
Prelim UoM Consumer Sentiment

CHF

SNB Policy Rate
SNB Monetary Policy Assessment
SNB Policy Rate
And all other high impact data

The robot to open two trades (Buy-Stop and Sell-Stop by default) some time before the news announcement (10 mins by default).

It should apply stop-loss and take-profit levels according to the input parameters given in pips.

The robot should continue to modify/adjust stop-loss and take-profit levels until the very release of the news to keep them relevant to the current market price.

When the news is out, the robot to apply trailing stop.

If both trades remain active 15mins (by default) after the news, the robot closes them automatically (this means the news didn't have any impact but if one trade is/has been active for at least 3 mins, then the other trade on the opposite direction cancels/deletes automatically (also known as O.C.O - one cancels other)

The Buy and Sell entries to be shown with two arrows. Their stop-loss levels to be marked with the red dashes above and below. The take-profit levels to be marked by blue dashes.

Pending Order Strategy/Straddle Strategy Trading – a sample on How the robot will open the pending orders:

Fix Distance: Pending order will be open fix distance from current market price.

Fix Distance (Floating): Pending order will be open fix distance from current price. But pending order will be reset every selected time (by input value FloatingResetInSeconds).

High/Low Level: Pending order open base on highest and lowest price from number of candles. example: I set input 'Number of Candle for High/Low Level=5 (default). So, the robot open BuyStop at highest value from latest 5 candle and open SellStop at lowest value from latest 5 candle.

Last Factal Level: Pending order open at latest factal value.

PendingDistance: Distance between the current market price and a pending order (stop/limit). It will work when 'Pending Order Strategy=Fix Distance' or 'Pending Order Strategy=Fix Distance (Floating)'

Number of Candle for High/Low Level: Number of Candle to measure highest and lowest value.

OCO (One-cancels-the-other) – if TRUE, delete a pending order when the opposite pending order is active for at least 3mins. Example: At a certain time, the robot opens two pending orders – BuyStop and SellStop. When BuyStop is active for 3minutes, then the SellStop will be deleted or canceled automatically and vice verser.

FellowNewsTime– Select which time the robot opens pending orders.

By Weekly Schedule – Robot open pending order according to my weekly schedule's parameters.

By Fix Date and Time – Robot open pending order according to my selected date configurations's parameters.

By Auto – Robot download news time from news websites automatically (make this default)

FloatingResetInSeconds – floating reset time in seconds. Pending order will be floating with the current price until a pending order is active.

FloatingStopInSeconds – to Select seconds if I want floating to be stop after this time.

The parameters table will include but not limited to:

----- Global Settings (for both normal mode & news mode) -----

Turn the Robot - OFF / ON Button

Hide from broker - true/false (true by default) Hide all my trading style/strategy and bot identity from brokers

The name of the robot to be Sonet FX Pro @ author Andrew

Commentary (default = "SonetFxPro) — the commentary for positions opened by this robot (to be hidden from broker too)

Start Trading Hour (HH:MM): hour for the robot to start trading (00:10 DEFAULT)

Stop Trading Hour (HH:MM): hour for the robot to stop trading (23:30 DEFAULT)

Multiple currency pairs and Commodities support in parallel - true/false (default true)

Open New Series – true/false (true default)

Trade on:

Monday - default true

Tuesday - default true

Wednesday - default true

Thursday - default true

Friday - default true

Saturday - default false

Sunday - default false

Close all trades at the end of the day - true default (note: to close and don't open new trades till the next day)

(If true what time?) Time to close all trades - 23:20 default

Slippage (default = 5 pips) — the acceptable price slippage in pips.

Magic Number (default = 2050) — the magic number for orders to filter positions opened by robot.

Use Equity Trailing TP - true/false (default true) The robot must have Equity Trailing Take Profit. This doesn't require a physical pip-based TP on each trade, instead it follows all trades from each pair in a "basket", and when one basket reaches a pre-defined percentage, it will trigger this

EquityTrailTP to start, locking in half the profit and it will begin trailing it up with the potential of making a lot more, while maintaining the safe guard of never losing once the TP is locked in. Make true by default on the parameter.

Equity Trailing TP in% - 25% default

TrailingStop (default = Full) — the type of trailing stop to use with the position.

Can be the following:

Breakeven — the stop-loss will be moved to breakeven when the profit matches stop-loss.

Full — classic trailing stop that moves the stop-loss up as the profit rises.

None — no trailing stop.

Minimum DrawDown SL - 10% (default)

Maximum DrawDown SL - 20% (default)

Support Manual Control & Orders – (true default)/false - will contain - Buy button, Sell button, Pause button (to pause robot from taking new trades but manage existing ones), Close All button

-----Normal Market Mode -----

Trading Type/Direction - Buy or Sell selection (default none/select)

Lot size - (example 0.01, 0.02, 0.03 ++) default 0.01)

Lot size PerHowMuchEquity - (example \$50, \$100, \$1000 ++) default 100

Lot size Increaser - true/false (default true)

Lot size IncreaserPerHowMuchEquity - (example \$1000, 2000, 3000+) default \$1000

Take Profit - in pips (for each trade) (default 40 pips)

Stop loss - in pips (for each trade) (default 20 pips)

Global/Magic Take Profit Level - in pips (this is a level where once the price Reach the Robot will automatically close all opened positions/trades with profit) (default 80pips) this level to show on the chart with a blue dashed line using the pips set.

Global/Magic Stop Loss level (a level to close all opened trades to stop losses) (default 40pips) this level to show on the chart with orange dashed line using the pips set.

Number of trades to open per position/candle - default 2

Delay opening trades in - 1/2/3/4/5 seconds (can be a selection or manual typing)

Maximum spread filter - default 5 pips

Close all Open Trades before News is realised - true/false (default true) - whether to close or not all orders before the news.

If true, then after how many minutes - 15 mins default - all trades to be closed 15 minutes before news by default (Note this to only apply on high impact news which is in RED like in this link <https://www.forexfactory.com/> the lower and medium impact should now make the robot to close trades.

-----News Mode -----

Trade during news - false/true (false by default)

News detecting filters

Markets in which the news is checked: EURO, USD, GBP, CHF, CAD, AUD, NZD, JPY, Gold, Silver

Enable low impact news: False default

Enable medium impact news: False default

Enable high impact news: True default

News Time Zone Offset (GMT): +3 time zone

Set News Time - Auto/Manual (if manual, Set the news trading hour and Minutes like example bellow. If Auto, robot will detect news hours and minutes automatically and apply all the required settings) default auto.

Example:

Monday - 9:30am, 3:30pm, 5pm

Tuesday - 6:30am, 9am,

Wednesday - 3:30pm, 6:30pm

Thursday - 6:30am, 2pm

Friday - 11:30am, 1pm, 3pm

Note - leave a room to add multiple time for news because some days may have high impact news 2, 3 or 4 times in a day if on manual, another option is auto to make this feature in-built to fetch news and time for release automatically)

Place Pending orders before news - true/false (default true)- whether to place or not pending orders before news time

MinutesBefore - (default = 10) — the number of minutes to open the positions before the news release.

StopLoss (default = 20pips) — the stop-loss in pips to be used when opening a pending trade.

TakeProfit (default = 50pips) — the take-profit in pips to be used when opening a pending trade.

PreAdjustSLTP (default = true) — if *true*, Robot to be updating SL and TP values according to the current market price after opening positions before news comes out.

News Lot Size (default = 0.02) — basic lot size for fixed position sizing. (No lot increaser for news, I will be calculating manually according to the account balance I want to risk)

News Lot size PerHowMuchEquity - (example \$1000, \$2000 ++) \$1000 default

Maximum Spread to open a pending order in pips. (Help to be safe in extreme situation) (default 5pips)

Risk (default = 2%) — risk tolerance in percentage of account balance/equity.

Maximum News pending orders - (default = 1)- the maximum number of orders of each type (sell or buy) during news period

Direction (default = Both) — the direction of the position opened to trade the news. Can be of the following two types:

Both — both buy and sell direction.

Random — a random direction.

Sell — a sell direction

Buy — a buy direction

Notes: In MT5 (netting mode), the **Both** option uses pending orders because it is impossible to open two opposite positions for the same currency pair in MT5 without hedging mode. In hedging mode, MT5 version of the News Trader operates similarly to MT4.

News-Timer

ShowTimer (default = true) — if *true*, a countdown timer for the news release will be shown in the top-left corner of the chart.

FontSize (default = 18) — the font size to be used for the timer display. Works only if **ShowTimer** = *true*.

Font (default = "Arial") — the font name to be used for the timer display. Works only if **ShowTimer** = *true*.

FontColor (default = clrRed) — the font color to be used for the timer display. Works only if **ShowTimer** = *true*.

Corner (default = CORNER_RIGHT_UPPER) — the screen corner to display the timer. Works only if **ShowTimer** = *true* (immediately after smiling face)

X_Distance (default = 10) — the horizontal distance from the screen's corner to the timer's top-right corner. Works only if **ShowTimer** = *true*.

Y_Distance (default = 130) — the vertical distance from the screen's corner to the timer's top-right corner. Works only if **ShowTimer** = *true*.

Display Spread on the chart - default true

Display News Event Title + Date/Time - default true

Display News Event Impact Low/Medium/High (Color Code Green/Yellow/Red) default true

Display News Event Line: True/False default

Display News Text: True/False default

Signal - alert about the approaching news at the distance of Before News Stop minutes.

The Robot should also display an overall gain or lost pip counter and shows the signals if the market is going down or up (maybe Arrow sign and show entry and exit number or point on the charts.

Start Trading Again After News - time in minutes after the news for the robot to pause operation for pending orders and go back to market orders, for example, 15 minutes after the news release. The robot deactivates the "News time mode" to normal time/make market orders. Default 15minutes

NOTE:

The robot to have neat, user-friendly interface and customizable settings, to easily set up the robot to suit my trading style and preferences on the parameter.

The robot to be reliable and have accurate performance, to be able to execute trades flawlessly for a long term/for life

please add any other important details/features on the robot and parameter that I might have forgotten to list here.

Use summary on parameter to make it cleaner and more organised. The full wording, I used was to make you understand how it will work.

When I plug the Robot on the chart I would like to see parameter table options to set them up manually at first before the robot starts to open trades.

I expect the robot and the source code for mt5 version after the work is done

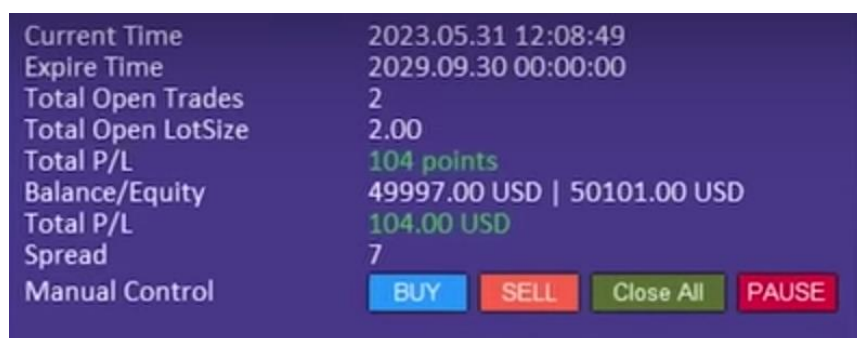
The robot must be profitable

Please only apply/contact only if you can do the whole work well with all the details/instructions provided and provide future support in case I will need more functionalities to be added (of course not for free) or have a new work to be done.

I will have to check if all required features are included, working, do some back testing and trade on demo before I release the payment (so it should support both demo and live account) if you can also do some back testing then we compare with mine, I will really appreciate.

Finally, I believe I have given out all or full details to help you understand what you are going to create from scratch.

These pictures are samples of how my EA should look like



Common Inputs	
Variable	Value
Trading Direction	BUY ONLY
01 Max Loss, pips (0=Disable)	0
01 Max Profit, pips (0=Disable)	0
Order Settings	===== Close by Balance P/L =====
Close by Balance Profit	false
1/2 Balance Profit: Ratio to Trigger	0.083
Balance Profit: Trigger Mode	Pause Until EA Restarted Manually
Close by Balance Loss	false
1/2 Balance Loss: Ratio to Trigger	-0.042
Balance Loss: Trigger Mode	Pause Until EA Restarted Manually
Order Settings	===== Order Settings =====
01 Trades per Signal	1
1/2 Lot Size	1.0
01 Stop Loss, pips (0=Disable)	0
Use Trailing Stop	false
Continue Trading When Trailing Stop Hits	false
01 Trailing Stop, pips	500
01 Take Profit, pips (0=Disable)	0
01 Max. Spread, pips (0=Disable)	0
01 Magic Number	20200814
Trading Time	===== Trading Time =====
Use Trading Time	false
Start Trading Time (HH:MM)	00:01
Stop Trading Time (HH:MM)	20:00
Close All Trades at Stop Time	false
Pause Trading at Stop Time	false
Trading Time	===== Trading Days =====
Monday	true
Tuesday	true
Wednesday	true
Thursday	true
Friday	true
Description	===== Alert Settings =====
Show Pop-up	true
Send Email	false

This is just a simple video [click here](https://drive.google.com/file/d/1Yhlaz4xtgfB_iB-TD98fY75UUYpJUF3/view?usp=sharing) or copy and paste to your browser –
https://drive.google.com/file/d/1Yhlaz4xtgfB_iB-TD98fY75UUYpJUF3/view?usp=sharing

Thank you and Good Luck