

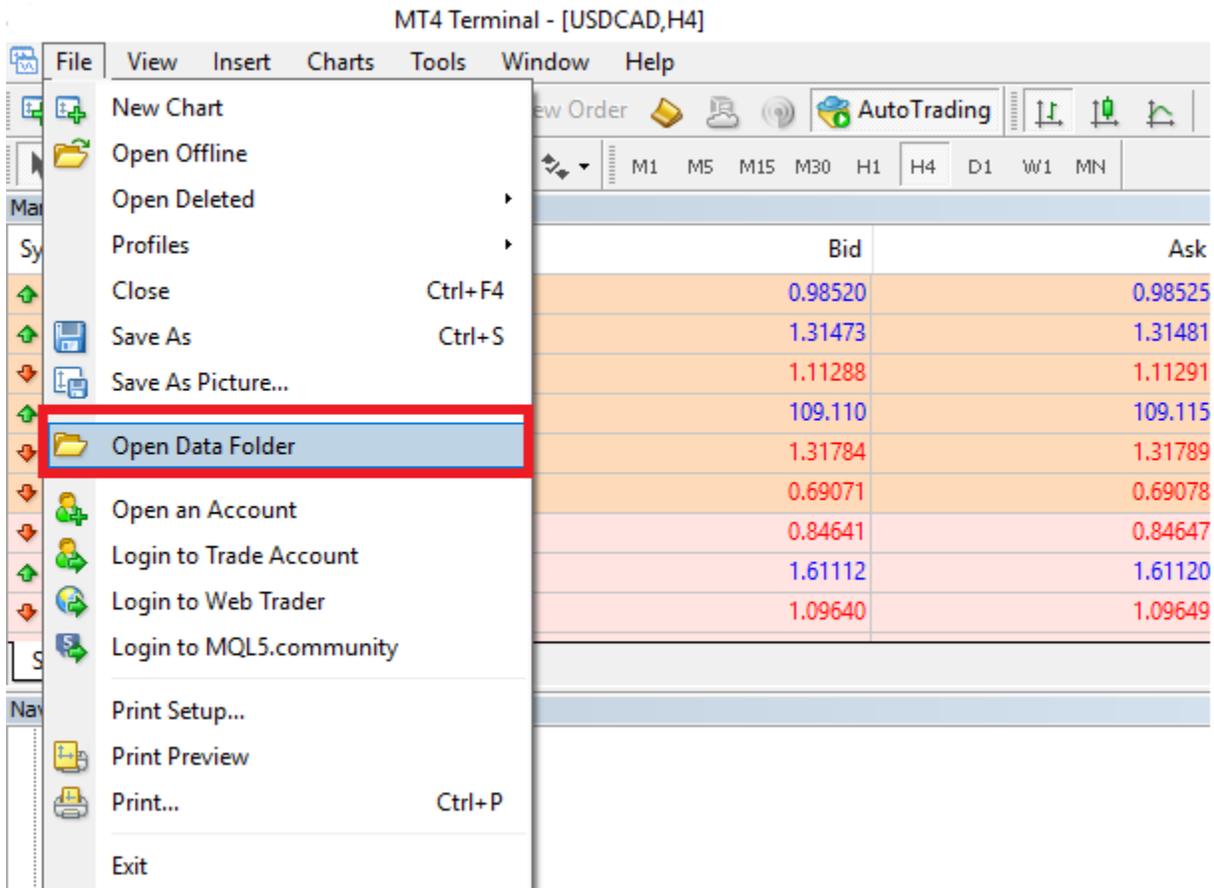
Expert Advisor “EconomicNewsTrading-Optimization”

1. Introduction

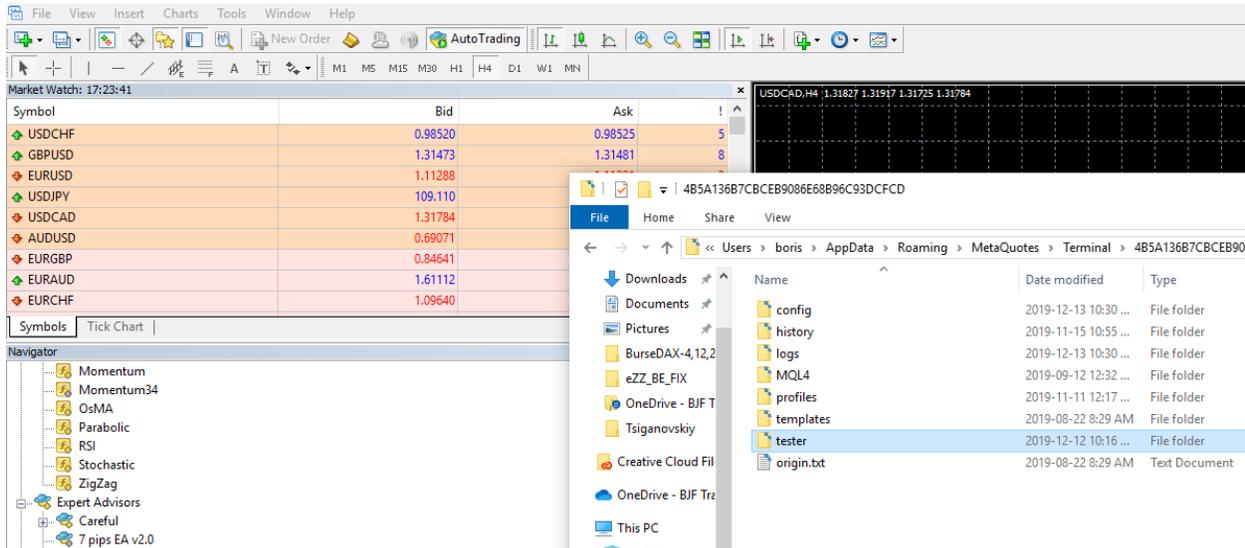
Expert Advisor “EconomicNewsTrading-Optimization” was created specially for news triggers setup and optimization. Expert advisor allows trader to optimize positive and negative deviation between forecast and actual, Stop Loss, Take Profit, Trailing Stop, Delay between news release and time when news feed provider has provided actual value, etc. based on historical economic news releases data.

2. Installation

- 2.1 Download indicator and unzip;
- 2.2 Open MT4 data folder: File -> Open Data Folder;



2.3 The following window should open;



2.4 Copy all files from unzipped folder “tester/file/” to MT4 Data folder: tester/file/ and file EconomicNewsTrading-Optimization.ex4 from unzipped folder Mql4/experts/ to MT4 Data folder: Mql4/experts/.

3. Optimization

3.1 Open MT4 Tester/Optimizer;

3.2 Select EconomicNewsTrading-Optimization expert advisor;

3.3 Select “Every tick...” Model;

3.4 Select optimization period. We uploaded economic news data from January 2019 till December 2019. You can save new data from myfxbook news calendar and add to MT4 Data folder: tester/file/ folder. Optimization period should correspond economic news data files;



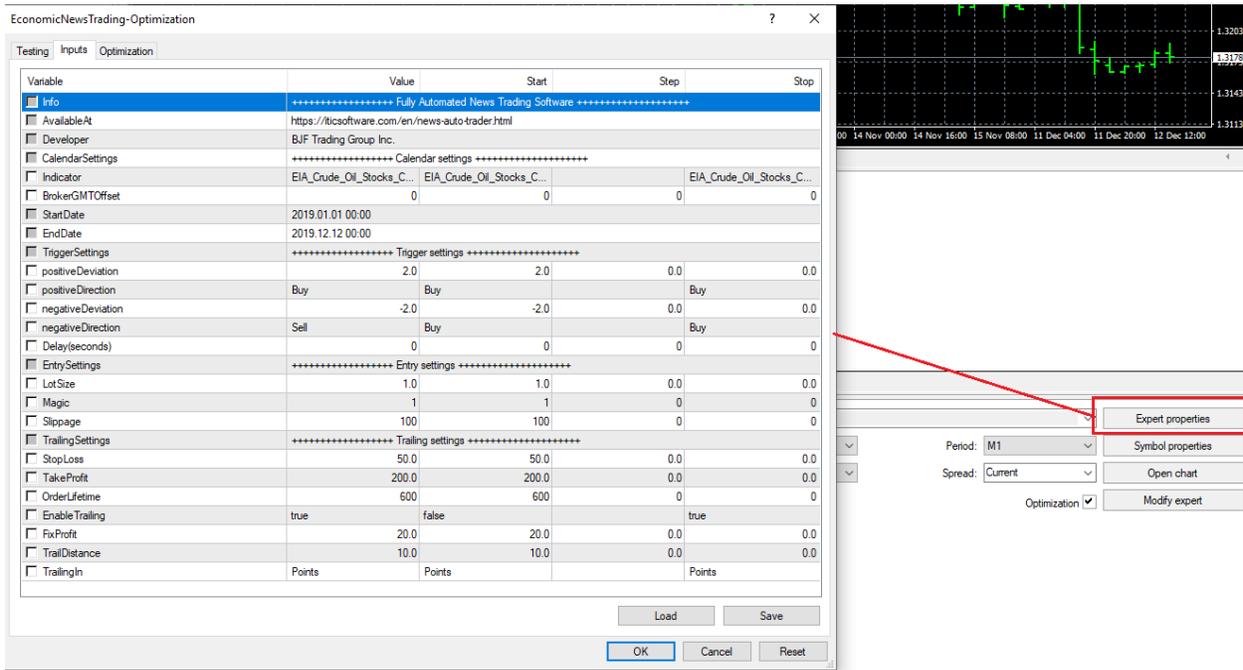
3.5. Select period M1;

3.6 Select spread “Current” or little bit higher then current to imitate spread during economic news release;

3.7 Tick “Optimization box;

4. Expert Advisor “EconomicNewsTrading-Optimization” parameters

Indicator – economic indicator name for optimization or testing;



Variable	Value	Start	Step	Stop
Info				
AvailableAt	https://iticssoftware.com/en/news-auto-trader.html			
Developer	BJF Trading Group Inc.			
CalendarSettings				
Indicator	EIA_Crude_Oil_Stocks_C...	EIA_Crude_Oil_Stocks_C...		EIA_Crude_Oil_Stocks_C...
BrokerGmtoffset	0	0	0	0
StartDate	2019.01.01 00:00			
EndDate	2019.12.12 00:00			
TriggerSettings				
positiveDeviation	2.0	2.0	0.0	0.0
positiveDirection	Buy	Buy	Buy	Buy
negativeDeviation	-2.0	-2.0	0.0	0.0
negativeDirection	Sell	Buy	Buy	Buy
Delay(seconds)	0	0	0	0
EntrySettings				
LotSize	1.0	1.0	0.0	0.0
Magic	1	1	0	0
Slippage	100	100	0	0
TrailingSettings				
StopLoss	50.0	50.0	0.0	0.0
TakeProfit	200.0	200.0	0.0	0.0
OrderLifetime	600	600	0	0
EnableTrailing	true	false	true	true
FxProfit	20.0	20.0	0.0	0.0
TrailDistance	10.0	10.0	0.0	0.0
Trailingh	Points	Points	Points	Points

You can select economic indicator from the list

EconomicNewsTrading-Optimization

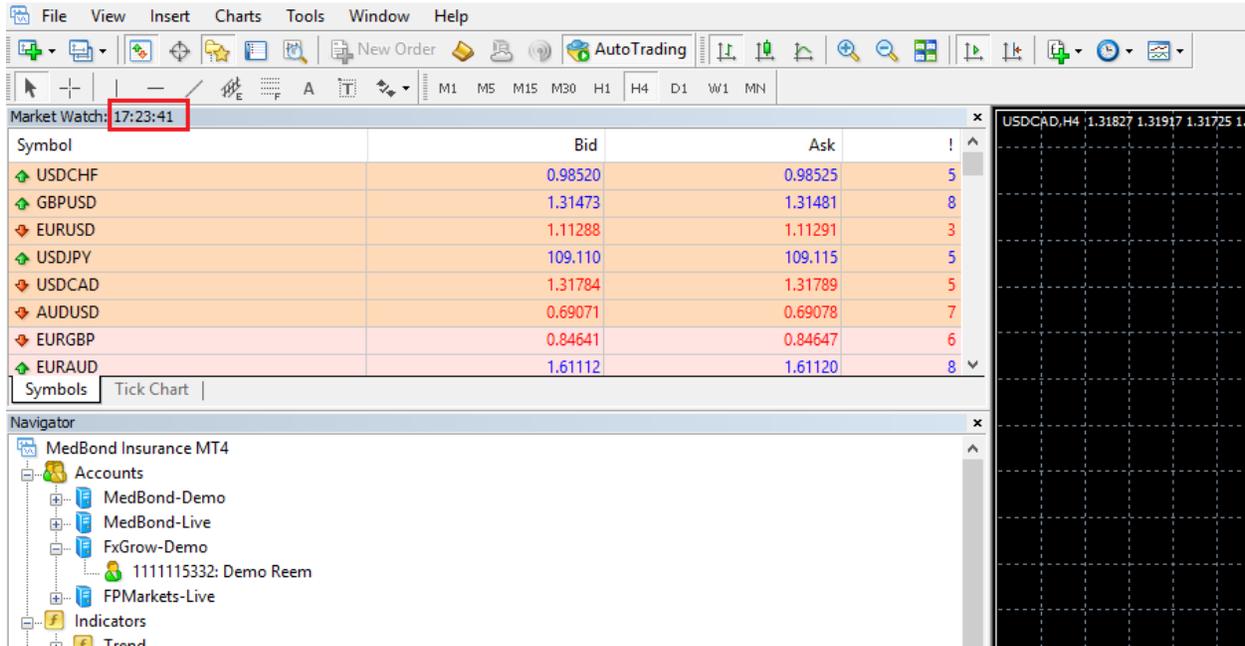
Testing Inputs Optimization

Variable	Value	Start	Step	Stop
<input type="checkbox"/> Info	***** Fully Automated News Trading Software *****			
<input type="checkbox"/> AvailableAt	https://iticssoftware.com/en/news-auto-trader.html			
<input type="checkbox"/> Developer	BJF Trading Group Inc.			
<input type="checkbox"/> CalendarSettings	***** Calendar settings *****			
<input checked="" type="checkbox"/> Indicator	EIA_Crude_Oil_Stocks_C	EIA_Crude_Oil_Stocks_C...	EIA_Crude_Oil_Stocks_C...	EIA_Crude_Oil_Stocks_C...
<input type="checkbox"/> BrokerGMTOffset	EIA_Crude_Oil_Stocks_C	0	0	0
<input type="checkbox"/> StartDate	EIA_Natural_Gas_Storage			
<input type="checkbox"/> EndDate	Average_Hourly_Earnings			
<input type="checkbox"/> TriggerSettings	Unemployment_Rate_US	***** Trigger settings *****		
<input type="checkbox"/> positiveDeviation	Average_Hourly_Earnings	2.0	0.0	0.0
<input type="checkbox"/> positiveDirection	Nonfam_Payrolls_USD	Buy		Buy
<input type="checkbox"/> negativeDeviation	Producer_Price_Index_M	-2.0	0.0	0.0
<input type="checkbox"/> negativeDirection	Producer_Price_Index_YoY	Buy		Buy
<input type="checkbox"/> Delay(seconds)	Producer_Price_Index_ex	0	0	0
<input type="checkbox"/> EntrySettings	Import_Price_Index_MoM	***** Entry settings *****		
<input type="checkbox"/> LotSize	Import_Price_Index_YoY	1.0	0.0	0.0
<input type="checkbox"/> Magic	Export_Price_Index_MoM	1	0	0
<input type="checkbox"/> Slippage	Export_Price_Index_YoY	100	0	0
<input type="checkbox"/> TrailingSettings	Consumer_Price_Index_n	***** Trailing settings *****		
<input type="checkbox"/> StopLoss	Consumer_Price_Index_M	50.0	0.0	0.0
<input type="checkbox"/> TakeProfit	Consumer_Price_Index_C	200.0	0.0	0.0
<input type="checkbox"/> OrderLifetime	Consumer_Price_Index_Y	600	0	0
<input type="checkbox"/> EnableTrailing	Consumer_Price_Index_e	false		true
<input type="checkbox"/> FixProfit	Industrial_Production_Mo	20.0	0.0	0.0
<input type="checkbox"/> TrailDistance	NY_Empire_State_Manuf	10.0	0.0	0.0
<input type="checkbox"/> TrailingIn	Capacity_Utilization_USD	Points	Points	Points

Load Save

OK Cancel Reset

BrokerGMTOffset – difference between your broker server time and GMT time. Check your broker server time in Market watch window;



And GMT time <https://time.is/GMT>

If your broker has the same time, leave 0. If your broker time higher for example on 1 hour – enter 1, etc.

StartDate and EndDate – should be the same with optimization period or testing period

Trigger settings

positiveDeviation – deviation when trigger should be activated, between actual and forecast, if actual > forecast;

positiveDirection – trade direction Buy or Sell, if trigger is activated based on positive deviation rule. If Actual > then Forecast is good for currency and news currency in numerator, you should set Buy. (in divider – Sell). . If Actual < then Forecast is good for currency and news currency in numerator, you should set Sell. (in divider – Buy).

For example:

News currency: CAD

Actual > then Forecast is good for currency

Trading (pair for optimization) pair: EURCAD (CAD in divider) – you need set Sell.

negativeDeviation -- deviation when trigger should be activated, between actual and forecast, if actual < forecast ;

negativeDirection - trade direction Buy or Sell, if trigger is activated based on negative deviation rule;

Delay(seconds) - Delay between news release and time when news feed provider has provided actual value;

Entry settings

LotSize- lot size for optimization;

Magic-magic number (is not important);

Slippage-slippage;

Trailing settings

StopLoss- stop loss value in points;

TakeProfit-take profit value in points;

OrderLifeTime, ms- order will be closed after this time if it not closed by SL, TP or Trailing stop rules;

EnableTrailing- if you want to use trailing stop, set true. If no- false;

FixProfit-run trailing when profit = or > FixProfit value;

TrailDistance- move stop loss in the direction of profit with step = TrailDistance;

TrailingIn- trailing in points or percents.

4. How to optimize

We recommend to optimize in 3 steps:

Step 1.

- set trailing = off,
- StopLoss = 2 current spreads for currency;
- Take profit = 2 spreads current spreads for currency;
- OrderLifeTime, ms =300
- Delay(seconds)=0
- Set correct positiveDirection and negativeDirection and optimize only positive and then negative deviation

So let's consider a specific example. The forecast value of Weekly Crude Oil Stock = 1.4M if actual < forecast is good for CAD and for WTI Oil. If we optimize EURCAD it means we need to set positiveDirection =Buy (CAD in divider). Check positiveDeviation only for optimization and set optimization start value, step and end value.

<input checked="" type="checkbox"/> positiveDeviation		2.0	0.1	0.1	7.0
<input type="checkbox"/> positiveDirection	Buy	Buy		Buy	
<input type="checkbox"/> negativeDeviation		-2.0	-0.1	0.1	0.4
<input type="checkbox"/> negativeDirection	Sell	Buy		Buy	

Step 2.

When Positive and negative deviations are optimized, you need to enter optimized values in appropriated fields and optimize Delay(seconds) start 0 step 1 end 8.

Step 3.

Now you can optimize SL, TP and Trailing Stop.

Fully Automated software for economic news trading NewsAutoTraderPro:
<https://iticsoftware.com/en/news-auto-trader.html>

5. Customer support

Web: <https://iticsoftware.com/customer-service>

Email: cs@itics.ca