

# Sort Out Indicators killing your deposit

**Step by step instructions**

## Deposit Killer

<https://bestorderflow.com/free>

# Check NT installation root folders

**OneDrive** interfere with Ninja Trader Installation. Installing and keeping files on OneDrive slows down platform and causes errors.

## **WRING INSTALLATION FOLDERS:**

**OneDrive**\Program Files\NinjaTrader 8

and

**OneDrive**\Documents\NinjaTrader 8

## **CORRECT INSTALLATION FOLDERS :**

**C:**\Program Files\NinjaTrader 8

and

**C:**\Users\yourname\Documents\NinjaTrader 8

# 1) Synchronize computer time

# 2) Check data connection

1) Synchronize your computer time by installing app on your computer:

[https://www.speed-soft.de/software/time\\_sync/index.php](https://www.speed-soft.de/software/time_sync/index.php)

or

<https://cmegroupclientsite.atlassian.net/wiki/spaces/EPICSANDBOX/pages/47089864/Network+Time+Protocol>

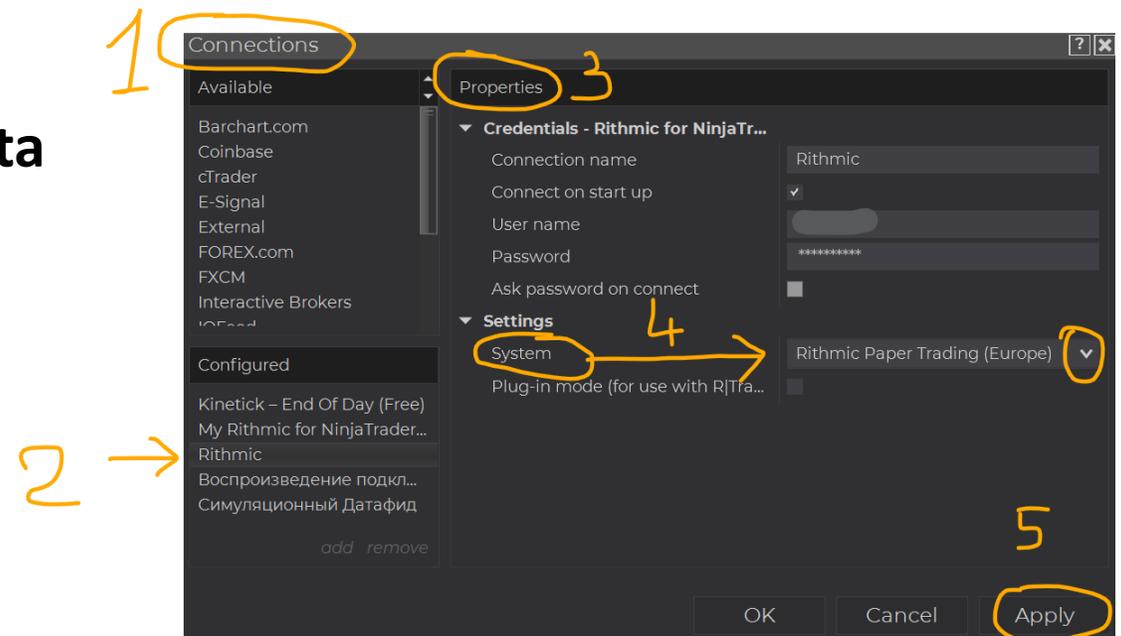
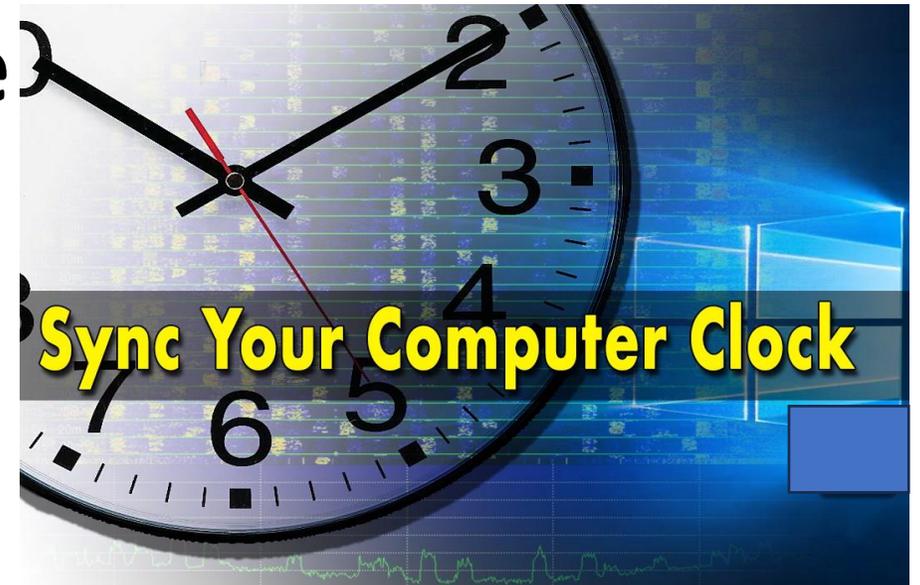
2) Make sure you connected to closest data server (depending on your location)

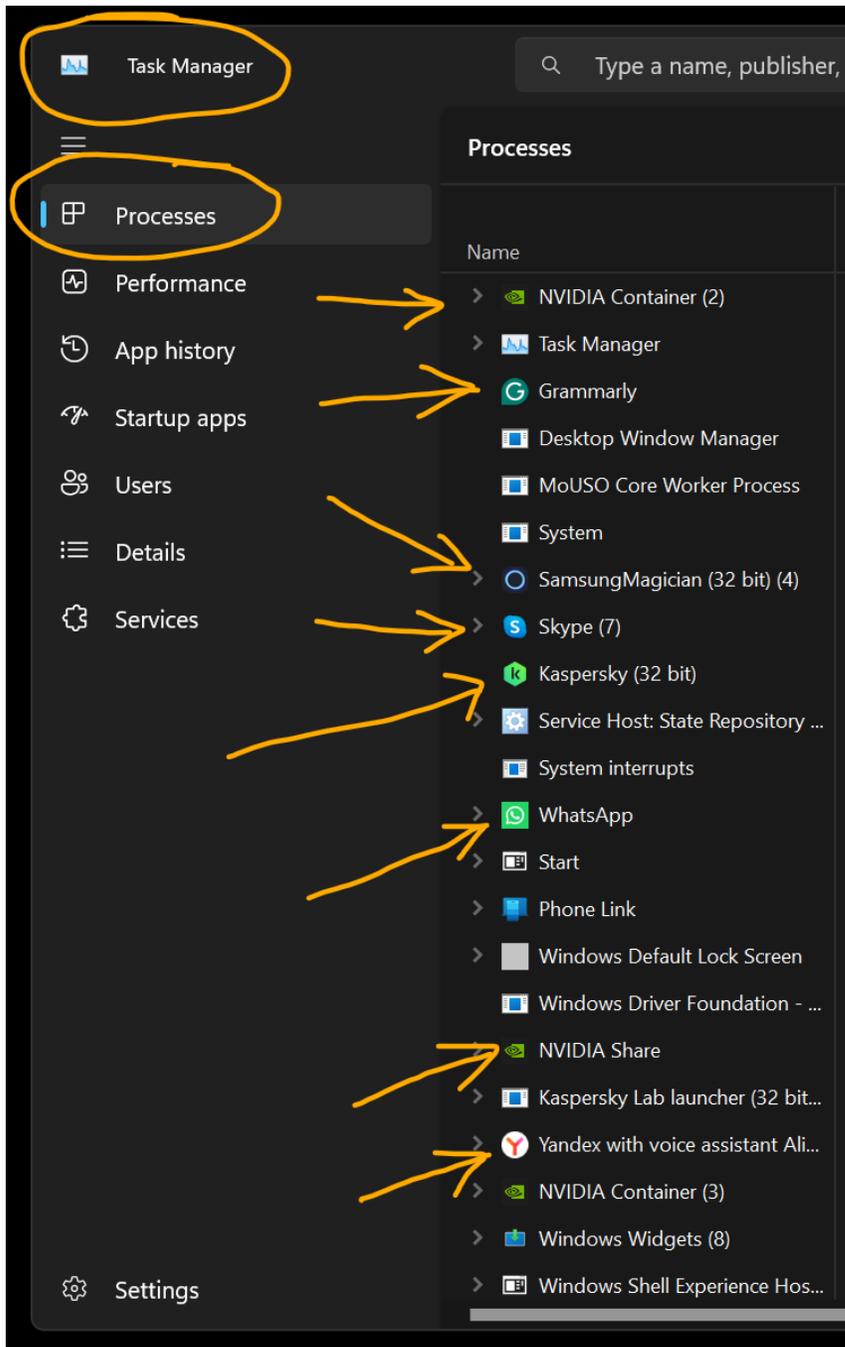
NinjaTrader *Connections Properties*:

- **USA** – select **Rithmic Paper Trading Chicago**
- **Europe**: **Rithmic Paper Trading Europe**

Follow your data source instructions!!!

<https://bestorderflow.com/free>



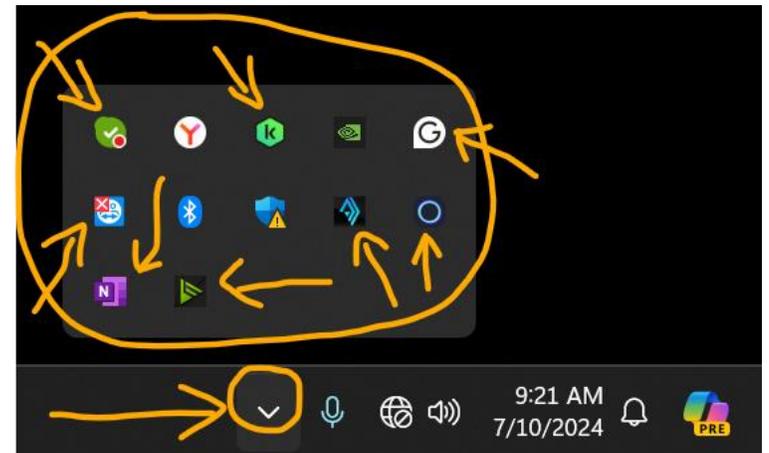


### 3) Close all Windows appa and programs possible

All browsers, Chrome, FF, Edge, video recording, antivirus, social networks, Skype, Telegram, Discord, WatsApp, Ms Word , Notepad - and all others

Close apps and programs with via Task Manager

Go to Tray – right lower corner and with right click on icons to close all you can.



## 4) Clean up cache and temporary files while NinjaTrader is closed.

Documents/NinjaTrader8/

tmp/

cache/

BOFDOM/

BOFLines/

PriceLinesNT/

HeatMapNT/

**db/cache/**

**db/tick/**

- Clean up data files one by one
- Or clean up with **NT Optimizer**
- **NT Optimizer** – free for all program for ninja trader optimization and run Ninja Trader in higher priority mode over other Windows apps.

Get it free:

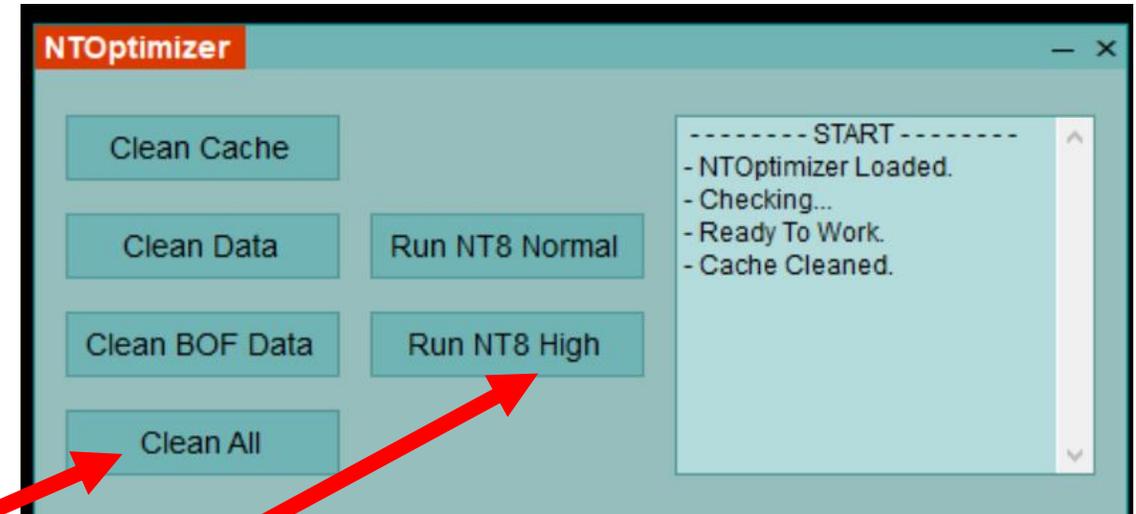
<https://bestorderflow.com/free>

## 5) Run NinjaTrader in Higher Priority

- Download NT Optimizer from <https://bestorderflow.com/free>

**NT Optimizer** – free program to :

- Clean up cached and other old files no longer needed
- To start Ninja Trader in Higher Priority Mode

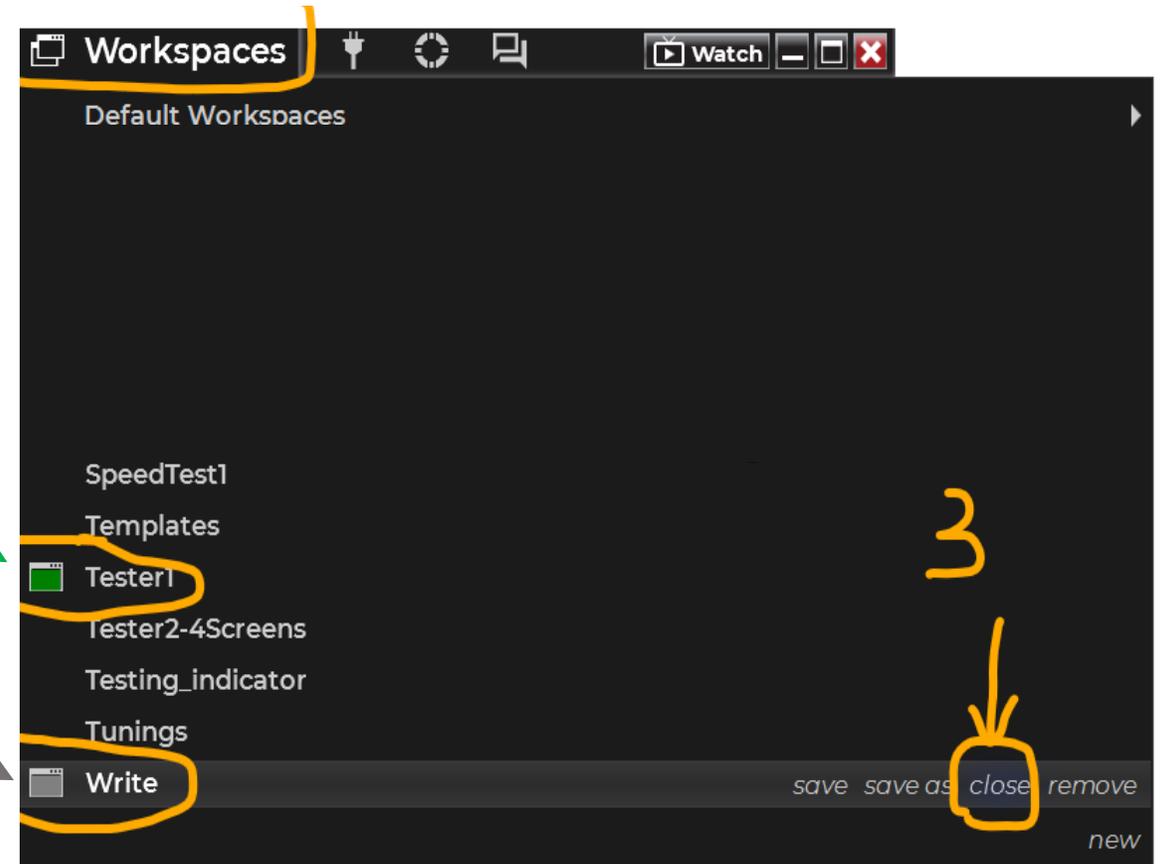


# Close up all other Workspaces running on background

Charts running on a background on other Workspaces consume resources

**Green icon** – active workspace

**Cgray icon** – workspaces running on a background and consume your computer resources. Must be closed.



# Best time for preparation phase and for testing phase

## Время:

- Preparation: London and NY session.

(Азии produced low ATR)

- Testing: Right at the open NY session and on maximum ATR

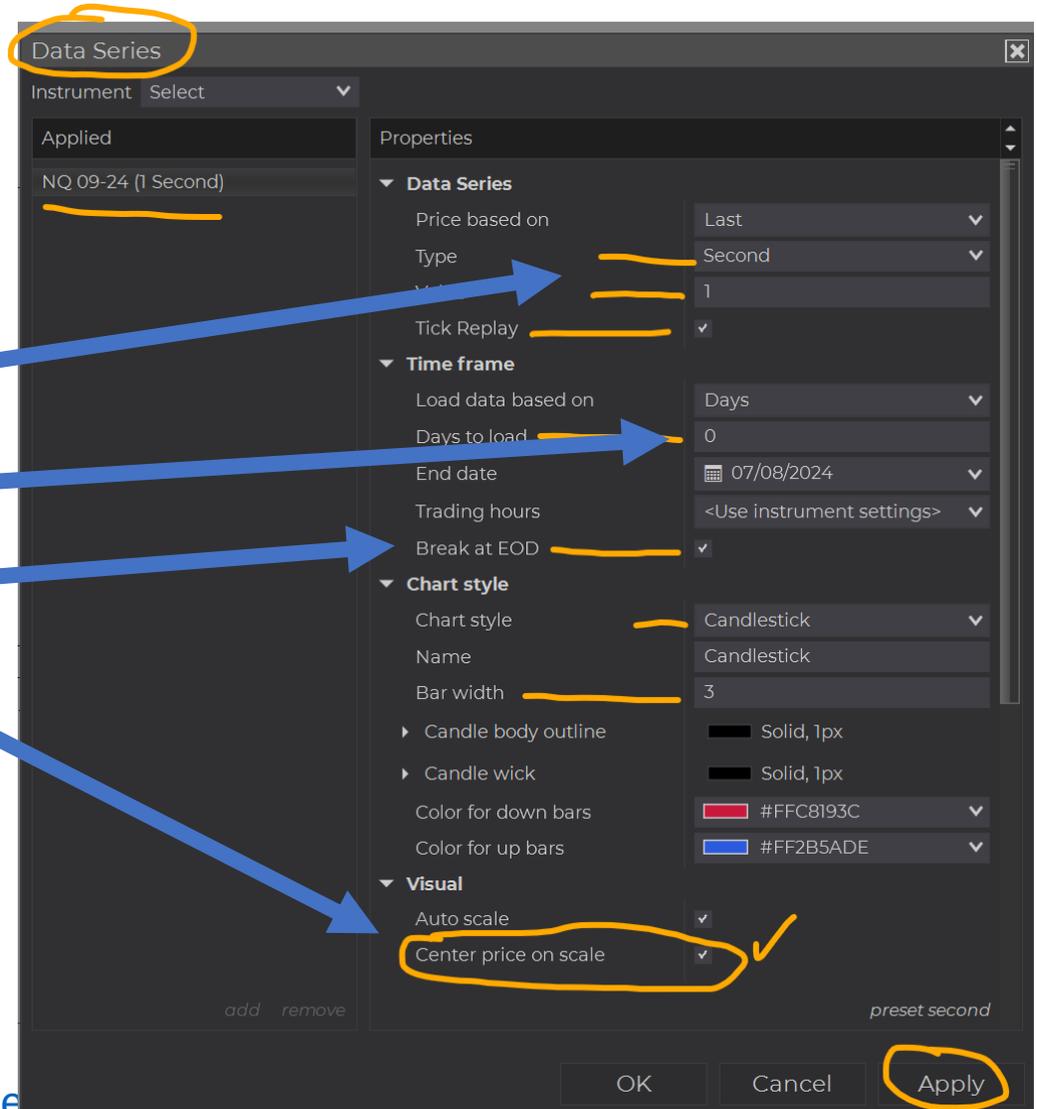
# How to optimize a chart

- 1) Close all and every chart and chart tabs and windows.
- 2) Start with new Chart on NQ - 1 second timeframe
- 3) Set in Data Series - Days to load = 0
- 4) Set in Data Series - Center Price on Scale
- 5) Do **not** add any indicators for testing.
- 6) Add Deposit Killer indicator (free download at <https://bestorderflow.com/free>)
- 7) Make sure you run only ONE chart and close all other charts.
- 8) Make sure all other Workspaces (gray icons) are closed
- 9) Maximize chart – to make it 100% your monitor
- 10) Compress chart time to the right – move all candles to the right
- 11) Justify right margin with Arrow - on the right upper corner
- 12) Justify chart data with **F** on the right upper corner

# Settings for Data Series on the chart

- On a new chart make sure to set up Data series as shown

- NQ – 1 second
- Day to load= 0
- Break at EOD = yes (checkmark)
- Center price on scale: yes (checkmark)



# Preparation - Homework

**Before we start testing any indicators we should learn**

- What is our **normal CPU load** before it become **Critical CPU load**
- What is our normal **Render time** for drawing every elements on our maximized chart

# Maximize chart for maximum Width and Hight

- Make sure your chart is open for maximum to cover all monitor real estate
- Compress time and move chart to the right
- Press on arrow (right upper corner) for correct right-side margin
- Press on F (right upper corner) for Hight justification



# Add Deposit Killer indicator

- Free download

<https://bestorderflow.com/free>

or Discord groups at:

<https://discord.gg/CcsEhYkWBT>

**Measurement Interval = 1 second**

The screenshot shows the 'Indicators' window in a trading software interface. The 'Available' list on the left contains various indicators, with 'DepositKiller' highlighted. A yellow arrow points from the text 'or Discord groups at:' to this list. Another yellow arrow points from the text 'Measurement Interval = 1 second' to the 'DepositKiller' entry. The 'Properties' panel on the right shows the configuration for the 'DepositKiller' indicator. The 'Parameters' section includes 'measurement interval, sec' set to 1 (circled in pink), 'Add Market Data Lag Time, ms' set to 0, 'Add Render Lag Time, ms' set to 0, 'ATR Period' set to 14, 'Price Lines' checked, 'Lines Width' set to 3, 'Extend Price Lines to Left' checked, 'Market Line Color' set to Yellow, 'Market Line Opacity' set to 100, 'Real Line Color' set to Magenta, and 'Real Line Opacity' set to 100. The 'Data Series' section shows 'Input series' set to 'NQ 09-24 (1 Second)'. The 'Setup' section shows 'Calculate' set to 'On bar close' and 'Label' set to 'DepositKiller'. The 'Indicators' window title bar is circled in yellow.

<https://bestorderflow.com/free>

# Record Average Render Time

ATR (14):	2 ticks
Add MktData:	0.0 ms
Add Render:	0.0 ms
GPU Usage:	1 %
CPU Usage:	2 %
Critical CPU:	0 %
DataLag Time:	0.03 sec
DataLag \$:	0.0 \$
Render Time:	17.7 ms
FPS:	64.9
Test Result:	Excellent! 🏆

Record average Render Time for your computer

This is your normal Render Time you will compare later with render time with added testing indicators

***notice:** no testing indicators added yet*

***notice:** your numbers are different then on my machine*

Method 1

# What is your Critical CPU usage

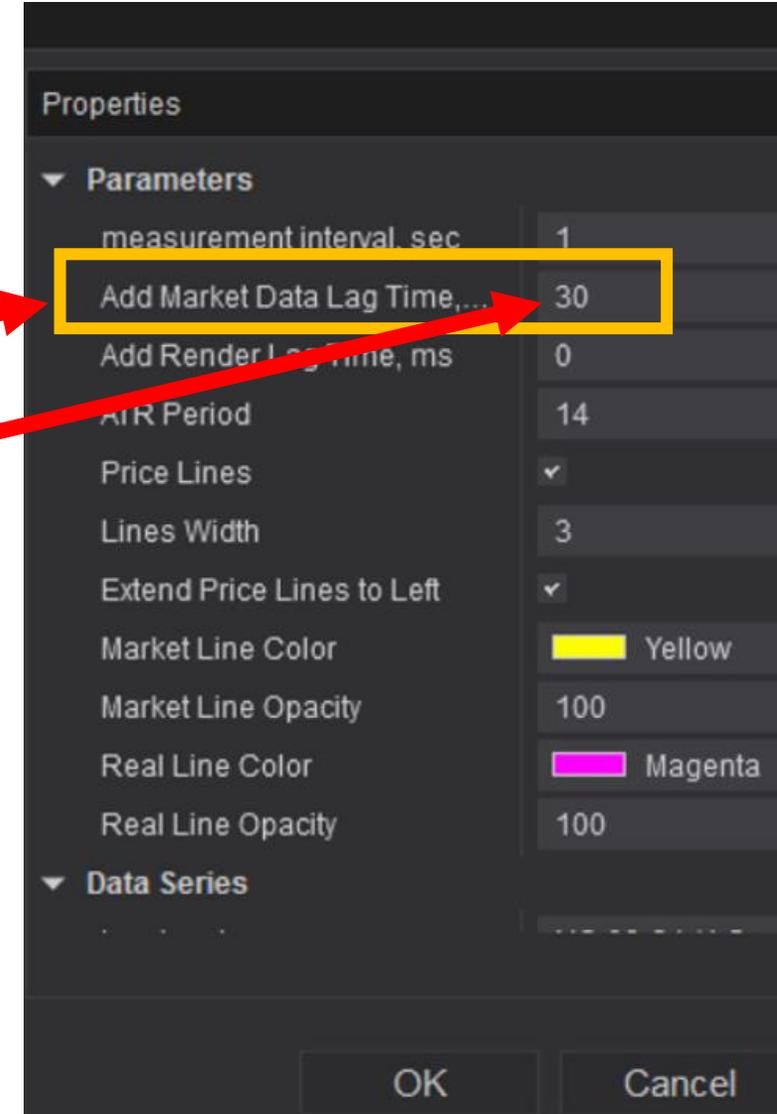
ATR (14):	7 ticks
Add MktData:	30.0 ms
Add Render:	0.0 ms
GPU Usage:	2 %
CPU Usage:	26 %
Critical CPU:	26 %
DataLag Time:	1.17 sec
DataLag \$:	25.0 \$
Render Time:	19.5 ms
FPS:	50.3
Test Result:	Bad 🗑️

Adding artificial pressure on CPU

Open Deposit Killer indicator and in field **Add Market Data Lag Time**

Gradually Increase from 0 to 30 , 60 or 100 until we notice:

Data Lag Time increases over 1 second



Method 1

# What is your Critical CPU usage

ATR (14):	7 ticks
Add MktData:	30.0 ms
Add Render:	0.0 ms
GPU Usage:	2 %
CPU Usage:	26 %
Critical CPU:	26 %
DataLag Time:	1.17 sec
DataLag \$:	25.0 \$
Render Time:	19.5 ms
FPS:	50.3
Test Result:	Bad 🗑️

• During gradual increase in artificial Market data

• Notice **average** CPU usage / Critical CPU

at the moment when Data Lag Time is equal or more than 1 second

## Method 1

# What is your Critical CPU usage

ATR (14):	7 ticks
Add MktData:	30.0 ms
Add Render:	0.0 ms
GPU Usage:	2 %
CPU Usage:	26 %
Critical CPU:	26 %
DataLag Time:	1.17 sec
DataLag \$:	25.0 \$
Render Time:	19.5 ms
FPS:	50.3
Test Result:	Bad 🗑️

- When Data Lag Time equal or more **1 second**
- At that time your CPU Usage % - is your **Critical CPU norm**
- From zero and up to your Critical CPU is your margin for safe and stable operation
- Please record your Critical CPU
- Return Add Market Data Lag Time to 0 on Deposit Killer Indicator

## Method 2

# What is your Critical CPU usage

### Method 2:

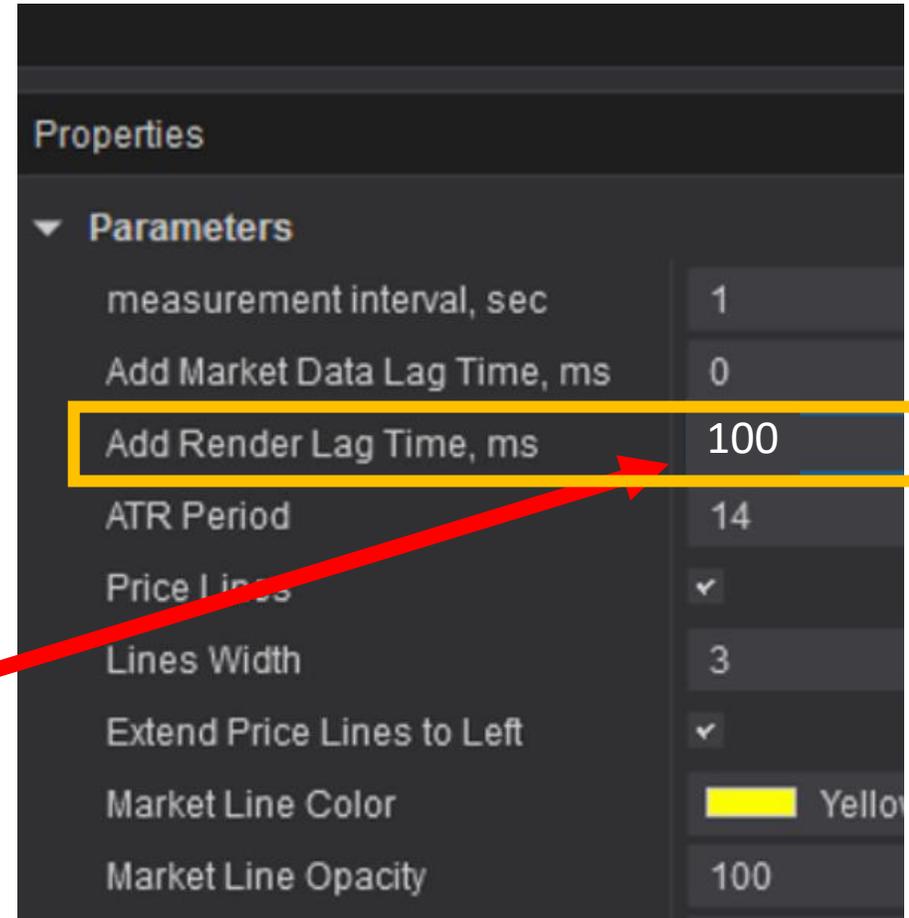
#### Open Deposit Killer

In the field

**Add Render Lag Time** –  
Increase from 0 to 50 or 100

Only when Data Lag Time is over  
1 second – at that moment  
record your Critical CPU

With added **Render Time 100**  
**we did not reach**  
1 second for DataLag Time



DepositKiller ->bestorderflow.com->	
ATR (14):	6 ticks
Add MktData:	0.0 ms
Add Render:	100.0 ms
GPU Usage:	2 %
CPU Usage:	13 %
Critical CPU:	0 %
DataLag Time:	0.01 sec
DataLag \$:	20.0 \$
Render Time:	130.5 ms
FPS:	7.7
Test Result:	Bad 🗑️

## Method 2

# What is your Critical CPU usage

### Method 2:

1) with Increase Add Render Lag time up to 150

### And

2) Move chart left to right up and down or in a circle to add more tasks for CPU

Now we reach:

- Data Lag Time over 1 second
- Critical CPU (26%) in average

ATR (14):	5 ticks
Add MktData:	0.0 ms
Add Render:	150.0 ms
GPU Usage:	1 %
CPU Usage:	26 %
Critical CPU:	26 %
DataLag Time:	1.46 sec
DataLag \$:	15.0 \$
Render Time:	168.2 ms
FPS:	5.8
Test Result:	Bad 🗑️

Properties	
Parameters	
measurement inte...	1
Add Market Data I	0
Add Render Lag Ti...	150
ATR Period	14
Price Lines	▼
Lines Width	3
Extend Price Lines...	▼
Market Line Color	Yellow ▼
Market Line Opacity	100
Real Line Color	Magenta ▼

ATR (14):	6 ticks
Add MktData:	0.0 ms
Add Render:	0.0 ms
GPU Usage:	2 %
CPU Usage:	5 %
Critical CPU:	22 %
DataLag Time:	0.02 sec
DataLag \$:	0.0 \$
Render Time:	20.9 ms
FPS:	57.5
Test Result:	Excellent! 🏆

26% for my Critical CPU

After learning our Critical CPU and Render Time standards / norms we can start testing other indicators by comparing CPU and Render Time performance with our standards

20 ms is my standard normal

# Testing indicators

ATR (14):	5 ticks
Add MktData:	0.0 ms
Add Render:	0.0 ms
GPU Usage:	1 %
CPU Usage:	2 %
Critical CPU:	0 %
DataLag Time:	0.03 sec
DataLag \$:	5.0 \$
Render Time:	19.9 ms
FPS:	53.2
Test Result:	Excellent!

Please return  
added Market Data to 0  
and  
Added Render to 0

Properties

- Parameters
  - measurement inte... 1
  - Add Market Data I 0
  - Add Render Lag Ti... 0 0
  - ATR Period 14
  - Price Lines ▾
  - Lines Width 3
  - Extend Price Lines... ▾
  - Market Line Color   Yellow ▾
  - Market Line Opacity 100
  - Real Line Color   Magenta ▾

# Testing indicators by Data Lag Time

ATR (14):	6 ticks
Add MktData:	0.0 ms
Add Render:	0.0 ms
GPU Usage:	2 %
CPU Usage:	26 %
Critical CPU:	26 %
DataLag Time:	13.9 min
DataLag \$:	155.0 \$
Render Time:	501.5 ms
FPS:	2
Test Result:	Danger! 🐛



# Testing indicators by Data Lag Time

ATR (14):	6 ticks
Add MktData:	0.0 ms
Add Render:	0.0 ms
GPU Usage:	2 %
CPU Usage:	26 %
Critical CPU:	26 %
DataLag Time:	13.9 min
DataLag \$:	155.0 \$
Render Time:	501.5 ms
FPS:	2
Test Result:	Danger! 

Add new indicator to your chart  
and monitor Data Lag Time

Parameter 1:

Data Lag Time

Good = 0 - to 1 sec

Bad = 1 - 5 sec

Danger = 5 sec + and more

# Testing indicators by **Critical CPU Usage**

ATR (14):	4 ticks
Add MktData:	0.0 ms
Add Render:	0.0 ms
GPU Usage:	2 %
CPU Usage:	17 %
Critical CPU:	0 %

Testing indicator CPU Usage should not exceed your Critical CPU usage

Compare current **CPU Usage** with your maximum allowed Critical CPU Usage recorded on the pre - test

On this test **17%** did not exceed my Critical CPU usage **26%**

# Testing indicators by **Render Time**

With indicator added for testing

Compare new Render Time with your normal added Time

ATR (14):	5 ticks
Add MktData:	0.0 ms
Add Render:	0.0 ms
GPU Usage:	1 %
CPU Usage:	2 %
Critical CPU:	0 %
DataLag Time:	0.03 sec
DataLag \$:	5.0 \$
Render Time:	19.9 ms
FPS:	53.2
Test Result:	Excellent!

This Render Time 19 did not exceed  
My normal standard 20 ms

Render Time - formula

Excellent = 50 ms и меньше

Good = 50 - 100 ms

Bad = 100 - 200 ms

Danger = 200 и больше

# Testing indicators by FPS

DepositKiller <-bestorderflow.com->	
ATR (14):	5 ticks
Add MktData:	0.0 ms
Add Render:	0.0 ms
GPU Usage:	1 %
CPU Usage:	2 %
Critical CPU:	0 %
DataLag Time:	0.03 sec
DataLag \$:	5.0 \$
Render Time:	19.9 ms
FPS:	53.2
Test Result:	Excellent!

**FPS** - Frame Per Second

One frame – is maximum open window chart with maximum elements with on the chart

FPS - Frames per second formula

Excellent = 20 and more

Good = 10-20

Bad = 5-10

Danger = 0-5

# Testing indicators by **Test Result**

You should avoid indicator that overload your CPU with more tasks than Critical and allow your CPU render charts elements and price line in real time.

Render Time should not exceed 100 ms and Data log time should not exceed 1 second

**Get rid of indicators that :**

- Exceed your Marium allowed Critical CPU
- Exceed Render time over 100 ms
- FPS is less than 10

**Deposit Killer easy-to-understand Test Results:**

- Excellent** = enough resources
- Good** = start monitoring ATR
- Bad** = lacking resources – close all orders ASAP
- Danger** = close all orders ASAP and remove resource-demanding indicators

DepositKiller -bestorderflow.com->	
ATR (14):	5 ticks
Add MktData:	0.0 ms
Add Render:	0.0 ms
GPU Usage:	1 %
CPU Usage:	2 %
Critical CPU:	0 %
DataLag Time:	0.03 sec
DataLag \$:	5.0 \$
Render Time:	19.9 ms
FPS:	53.2
Test Result:	<b>Excellent!</b>