



Price Action Harvester™ Automated - Quickstart Notes for Subscribers

DISCLAIMER

TRADING INVOLVES SUBSTANTIAL RISK OF LOSS AND IS NOT SUITABLE FOR ALL INVESTORS. PAST RESULTS ARE NOT NECESSARILY INDICATIVE OF FUTURE RESULTS. YOU MUST BE AWARE OF THE RISKS OF TRADING AND BE WILLING TO ACCEPT THEM. DON'T TRADE WITH MONEY YOU CANNOT AFFORD TO LOSE.

CFTC RULES 4.41 – HYPOTHETICAL OR SIMULATED PERFORMANCE RESULTS HAVE CERTAIN LIMITATIONS, UNLIKE AN ACTUAL PERFORMANCE RECORD, SIMULATED RESULTS DO NOT REPRESENT ACTUAL TRADING. ALSO, SINCE THE TRADES HAVE NOT BEEN EXECUTED, THE RESULTS MAY HAVE UNDER-OR-OVER COMPENSATED FOR THE IMPACT, IF ANY, OF CERTAIN MARKET FACTORS, SUCH AS LACK OF LIQUIDITY. SIMULATED TRADING PROGRAMS IN GENERAL ARE ALSO SUBJECT TO THE FACT THAT THEY ARE DESIGNED WITH THE BENEFIT OF HINDSIGHT. NO REPRESENTATION IS BEING MADE THAT ANY ACCOUNT WILL OR IS LIKELY TO ACHIEVE PROFIT OR LOSSES SIMILAR TO THOSE SHOWN.

Thank you for subscribing to Price Action Harvester™ Automated. Please read through all items noted below to take full advantage of everything that's offered with this advanced trading software built for NinjaTrader 8.

IMPORT AND SET-UP HELP

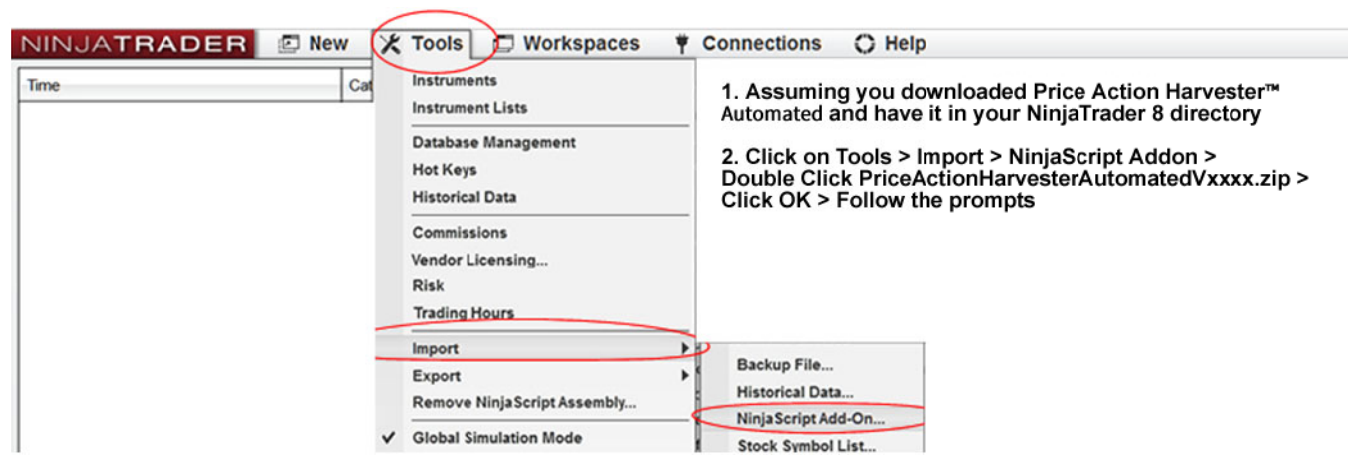


Image 1

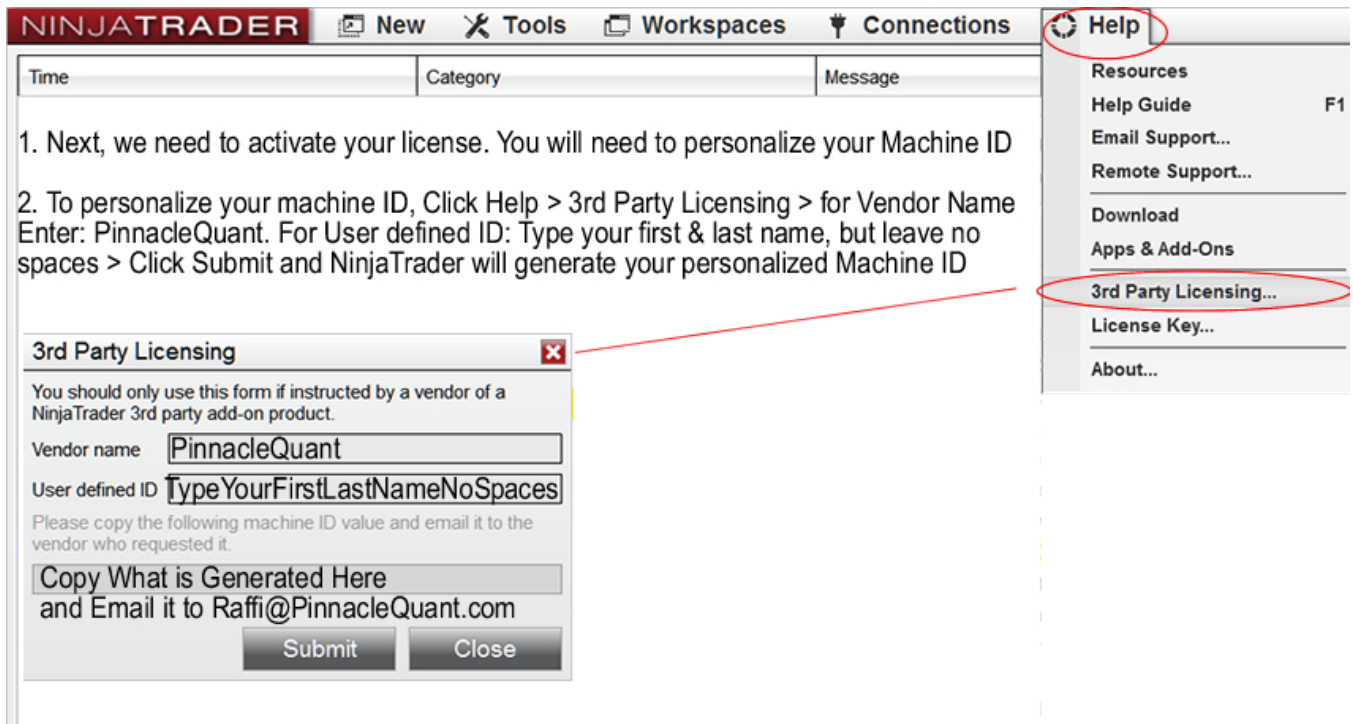


Image 2

1. To download Price Action Harvester™ Automated, please login to your PinnacleQuant.com account. Go to the "Download" area of your PinnacleQuant.com control panel, and follow the above steps. Please ensure you download Price Action Harvester™ Automated to your Windows computer (even if you are running Parallels on Mac). Immediately after downloading Price Action Harvester™ Automated, and importing it into NinjaTrader 8, please email Raffi@PinnacleQuant.com your personalized machine ID. Instructions for generating your personalized machine ID are noted in the "Image 2" above.

2. Price Action Harvester™ Automated is a self-directed automated trading system that is designed to run on the 1-minute chart. In this system, you can input your desired parameters, and the system will then trade for you, upon you enabling this system (strategy) on the chart of any instrument that you intend to trade. This system works on Forex currency pairs, futures, stocks, and even cryptocurrencies. However, it is best to use this system on heavily traded instruments, where the bid/ask spread is generally tight and relatively consistent. Instruments that have wide spreads, such as cryptocurrencies, may experience higher than normal slippage, may experience adverse fills on market orders, and may skip over stop prices.

3. As stated on our site, to properly analyze any historical price action, you need 1-minute historical data. Please see the full list of compatible data providers here: https://ninjatrade.com/support/helpGuides/nt8/?data_by_provider.htm. If you need free 1-minute historical data on a temporary basis, you can get free historical data from NinjaTrader FXCM for 30 days by completing this form: <https://ninjatrade.com/FreeLiveData> - Please choose the Forex box.

4. Whether you are backtesting in NinjaTrader 8's Strategy Analyzer, running Price Action Harvester™ Automated in sim101 mode, or in live cash mode (you will need a NinjaTrader 8 license for live cash trading), you must ensure that you have enough data loaded on Strategy Analyzer and/or your chart(s). **Please note**, if you don't have enough 1-minute historical data in Strategy Analyzer you will get all zeros in your backtested results. When you check the logs, there will not be any errors, because there is no error, you just need to have enough 1-minute historical data to run backtests.

PRICE ACTION HARVESTER™ AUTOMATED PARAMETERS

A. Strategy: Please choose PriceActionHarvesterAutomatedVxxxx.

B. Choose Day: Choose the day you wish to backtest. For example, when choosing Monday, the hypothetical backtested results will be for Monday only.

C. TradeStartTime1,2,3: Enter the time you wish for the system to start looking for trades. The time is in military time. For example 0 = midnight, 100 = 1AM, 636 = 6:36AM, 1259 = 12:59PM, 1559 = 3:59PM. There are three (3) start and end times. You can divide your trading day into three separate start and end times. For example, you can set this system to look for trades from 630 to 730, then from 915 to 945, and finally from 1230 to 1245. If you wish to ignore a start and end time, simply leave both the “GoLong” and “GoShort” options for the corresponding TradeStartTime and TradeStopTime unchecked.

D. TradeStopTime1,2,3: Enter the time you wish for the system to stop looking for trades. The time is in military time. For example 0 = midnight, 100 = 1AM, 636 = 6:36AM, 1259 = 12:59PM, 1559 = 3:59PM. Please note, the system will not exit trades at this time; it merely stops looking for new trades at this time. There are three (3) start and end times. You can divide your trading day into three separate start and end times. For example, you can set this system to look for trades from 630 to 730, then from 915 to 945, and finally from 1230 to 1245. If you wish to ignore a start and end time, simply leave both the “GoLong” and “GoShort” options for the corresponding TradeStartTime and TradeStopTime unchecked.

E. GoLong: When this box is checked, the system will look for long trades for the day and time you chose. There is a GoLong option for each of the three trading start and end times.

F. GoShort: When this box is checked, the system will look for short trades for the day and time you chose. There is a GoLong option for each of the three trading start and end times.

Please note, when the GoLong and GoShort boxes are checked, the system will look for both long and short trades. However, the Price Action Harvester™ Automated strategy runs per instance per chart; meaning if you load this strategy on chart A, then load it on chart B, the activity that takes place on chart A is unknown to the activity that takes place on chart B. As such, please do not go long on one chart for an instrument, and then go short for the same instrument on another chart. Moreover, Price Action Harvester™ Automated system can be in one trade for each instance where Price Action Harvester™ Automated is enabled on Strategy Analyzer or on a chart. For example, let's assume you want to trade 10 instruments, and thus you have loaded 10 charts on NinjaTrader 8, and you have one instrument on each chart, and you

have enabled Price Action Harvester™ Automated once on each chart, you can technically be in 10 trades at the same time - one trade for each instrument where you enabled Price Action Harvester™ Automated on the chart. Please ensure you enable Price Action Harvester™ Automated only once per chart, as it runs independently per instance; meaning if you load Price Action Harvester™ Automated twice on the same chart, you may enter two identical trades at the same time for that chart.

G. Units: Enter the number of units you wish to trade. For example, if you are trading micros, such as \$MES or \$MNQ and you enter 1 in this field, the system may trade 1 contract. The same is true if you are trading stocks; if you enter 1 in this field, the system may trade 1 share. However, when it comes to foreign currencies, you will need to enter the appropriate number of units that is contained in that lot. If you wanted to trade one standard lot of \$EURUSD, then you would enter 100,000 in this field, as one standard lot of \$EURUSD has 100,000 units.

H. MoveStop: When this box is checked, if you trade has an unrealized profit, based on the parameters you indicate in StartingBar and IfProfitableBy, the system will attempt to move your stop to the current bid for long trades, and current ask for short trades, upon the close of the bar.

I. StartingBar: Input the bar number where you would like the system to enable the “MoveStop” feature if it is checked. For example, an entry of 1 bar means, upon the close of 1 bar from your entry bar, the system will attempt to execute your inputted parameters once those parameters are met.

J. IfProfitableBy: This parameter is measured in ticks for futures, currencies, and cryptocurrencies, but is in cents for stocks and ETFs. Assuming the MoveStop box is checked, the number you input in this parameter is calculated based on your position’s average price, and is calculated upon the close of the bar. For example, let’s assume you’ve checked the MoveStop box, StartingBar is at 10, and IfProfitableBy is also 10, then upon the close of the 10th bar since your entry bar, if your unrealized profit is at least 10 ticks in your favor, the stop price you had would move to whatever the current bid is for long trades, and whatever the current ask is for short trades.

K. MyProfitTarget: The system will place this profit target limit order upon the entry of your trade. Please note, this parameter is measured in ticks for futures, currencies, and cryptocurrencies, but it is in cents for stocks and ETFs.

L. RiskPerTrade: This is your stop loss in ticks, which becomes a market order when the price is reached. The system will place this stop order upon the entry of your trade. Please note, this parameter is measured in ticks for futures, currencies, and cryptocurrencies, but it is in cents for stocks and ETFs.

M. ExitOpenPositions: If this box is checked, it tells the system to attempt to close any open positions at the close of the bar for the time you enter in the ExitTime parameter.

N. ExitTime: If the ExitOpenPositions box is checked, the system will attempt to exit all open positions at the time you specify in this field, at the close of the bar. As stated above, time is always in military time.

Please note, the system does not take into consideration Holiday sessions or half-days, as such please ensure your exit time will occur during an executable time.

Enabling Price Action Harvester™ Automated on a Chart

1. Please load your instrument on a 1-minute chart (next to the "Value" parameter type 1).
2. Please ensure you have one (1) instrument per chart; you can use Price Action Harvester™ Automated to trade multiple instruments concurrently, but please load one (1) instrument per chart; open new chart tabs for each instrument you wish to trade, and then enable Price Action Harvester™ Automated on each respective chart.
3. NinjaScript strategies run independently of each other. As such, each Price Action Harvester™ Automated strategy you enable on a chart will be a separate instance and will have separate strategy positions. Please ensure you do not load the same instrument on two different Price Action Harvester™ Automated enabled charts.
4. The default setting for Start Behavior in NinjaTrader 8 is "wait until flat," which is fine, but this is a choice every trader must make based on their needs, as Price Action Harvester™ Automated is a self-directed system. Please carefully read the literature as provided by NinjaTrader with respect to your Start behavior options here: https://ninjatrade.com/support/helpGuides/nt8/?syncing_account_positions.htm , and make your choice accordingly.
5. "Exit On Session Close" is disabled (the box next to it is unchecked) by default on Price Action Harvester™ Automated, as by default under Flatten Everything, "ExitOpenPositions?" is checked, with a corresponding default exit time of 12:59P PST (you can of course edit this military time to better suit your precise "flatten everything" time). **Please note**, if you enable "Exit on Session Close" by checking the box and you keep "ExitOpenPositions?" checked as well, you may end up with a race condition where two concurrent exits take place, potentially causing an unwanted position entry.
6. You should know the nuances of how NinjaTrader works before using any fully automated trading system built for NinjaTrader. For example, you should be very familiar with the settings in NinjaTrader under Tools > Options > Strategies > NinjaScript before you enable Price Action Harvester™ Automated or any other automated trading strategy. If you need any help with respect to how NinjaTrader works, please contact the excellent support staff at NinjaTrader and ask them for help and/or tutorials, by emailing them directly at PlatformSupport@NinjaTrader.com.
7. It is highly recommended that you run live simulated trades on chart(s) for a significant amount of time, before you do any live cash trades, so that you get accustomed to how everything works before risking actual funds.

Manually Exiting the Strategy

Let's assume you decided to stop trading earlier than the time settings you applied to the strategy, or had some sort of an emergency, and you decided to manually exit the strategy, please ensure you are in a flat position (meaning you have no open orders), and that you are still in a bar that is forming, then right click anywhere on the active chart, left click "Strategies," then on the Price Action Harvester™ Automated strategy under "Properties," scroll down and uncheck the "Enabled" box, and click apply. The reason you want to exit while the bar is still forming, is because the strategy does all its calculations upon the close of a bar – so right when a new 1-minute bar forms, and before that 1-minute bar closes, assuming you're positions are flat, at your discretion, you can manually exit the strategy.

Thank You and Happy Trading!