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Getting started in ZeroPro

ZeroPro is a downloadable Windows based application. It is an advanced trading platform built for the active trader. With easy-to-use customizable screens, integrated trading tools, and personalized support, ZeroPro gives you the tools and services you need to take advantage of today's markets.

1. Downloading and Installing the Software:

To download the latest version of ZeroPro go to <http://www.tradezero.co/download>

Select save file and download.

Double click installation file and install software.

Follow the on-screen instructions on the install.

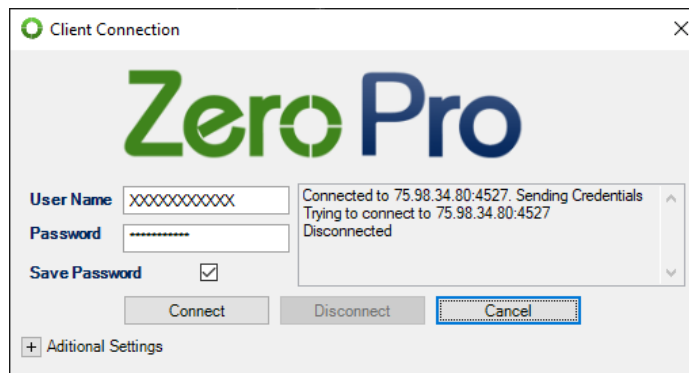
Once installed, you will see a shortcut icon for the software on your desktop



2. Logging into the software:

Double-click the ZeroPro icon on your desktop.

A login screen will appear. From this window, the user can select the language that the platform is displayed to them in terms of labels, menu settings, etc. This can be adjusted at any time while logged in or offline.



Enter your username and password.

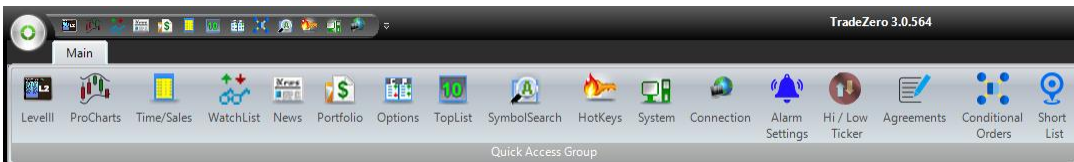
In the Additional Settings Area, there are three options offered on the connection window:

1. Free Floating Windows – If checked, this will allow the traders' layout to not be encapsulated in a containing window. The layout is not contained in a master window
2. Layout Saving Confirm - If checked, the user will be prompted to save their layout upon closing or exiting.
3. Save Password – If checked, the user will not have to type in the password every time they connect

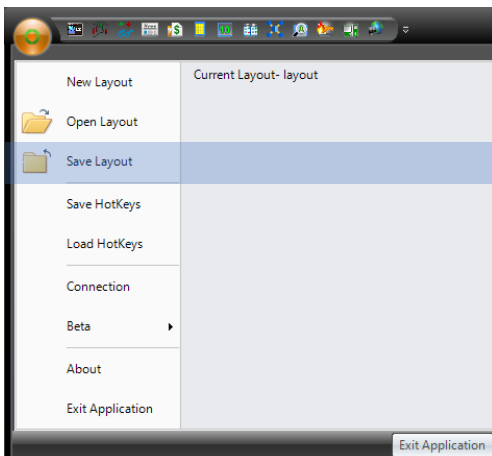
3. Main window and default layout:

When you first log on to ZeroPro, the main window appears, displaying your default layout.

The Toolbars offer quick access to the options and tools for ZeroPro.



Once you have your desired layout set. Save your layout by clicking on the ZeroPro icon



Users have the ability to set-up and save multiple layouts.

Trade From Anywhere

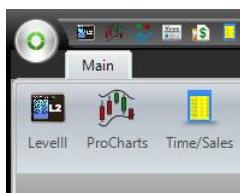
In the ZeroPro application traders can create multiple layouts, watchlists, Level 2 and chart windows. Trade from your phone using ZeroMobile. Orders that are sent, update dynamically in all platforms.

ZeroWeb and ZeroFree can be used on a Mac Via Google Chrome and Mozilla FireFox.



Level 2

To open a level 2 screen select the shortcut icon from the quick launch bar or click the Level II button.



When the Level 2 window opens, the symbol entry is in the upper left-hand corner



The level 2 window shows market depth on a specific stock.

Bids are displayed on the left column.

Offers are displayed on the right column.

Time and sales are displayed on the right-side of the level 2.

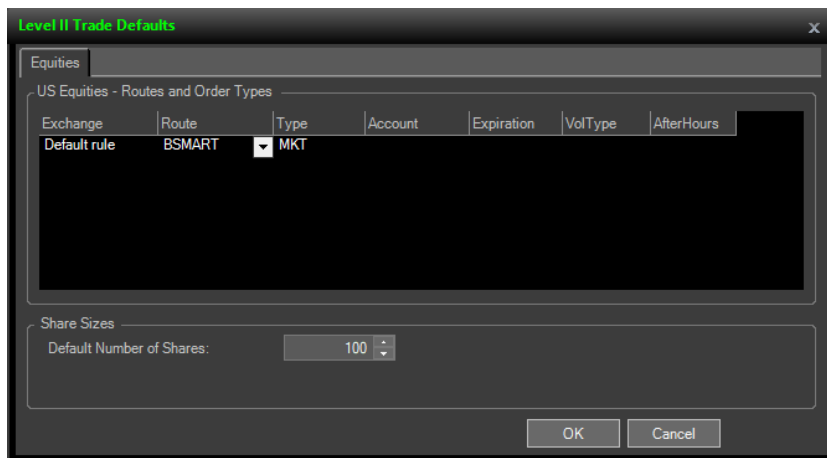
All buy and sell orders are placed within the level 2 window.

To change the stock you are viewing type a new symbol into the symbol box and hit enter.

Time Sales colors: light green/above ask, light red/ below bid, white/inside market, green/ask, red/bid.

1. Level 2 submenu:

Right clicking inside the level 2 window brings up the submenu functions.

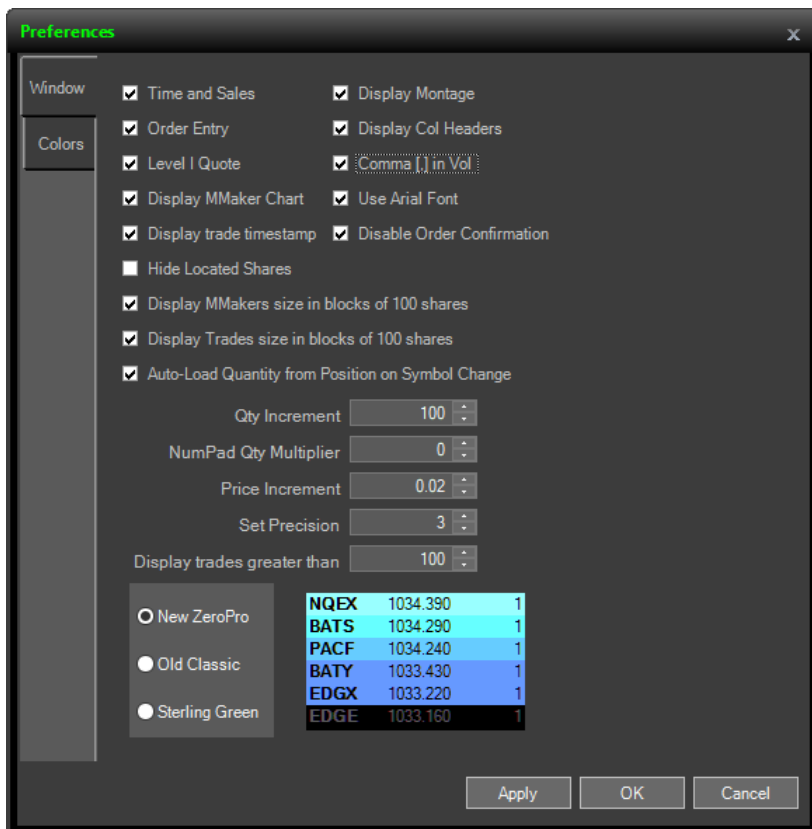


Set Level II trade defaults for default number of shares and order type.

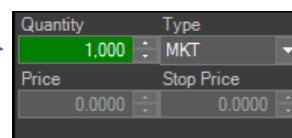
The right click sub menu provides access to the following items:

1. Fonts and Colors - Change the font size and colors
2. Setup Display Preferences – This allows user to control the view of the window.

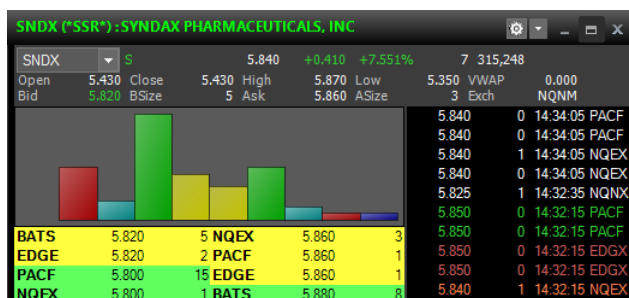
Time Sales, Order Entry, and Level 1 Quote



- a. Display Time and Sales
- b. Display Order Entry
- c. Display Level 1 Quote
- d. Display MMaker Chart
- e. Display trade timestamp
- f. Hide located shares
- g. Display MMakers size in blocks of 100 shares
- h. Display trade size in blocks of 100 shares
- i. Auto-Load Quantity from Position on Symbol Change – Entering a symbol into the market depth window will load existing quantity. A green color for long positions and red for short.
- j. Display Montage
- k. Filter trades by size in the Time & Sales panel



- I. Display MMaker Chart - This is a feature that graphically represents the share size aggregated at each price level



3. Reset Defaults – Brings all windows setting back to the default
4. Erase MMQuote – This will allow trader to remove a stuck market maker
5. Trade Default – Trading defaults can be setup here.

2. Linking windows:

To link windows together select the linked to group icon located next to the gear icon on the Level 2 title bar, then select a group letter to link any window.

In the example below, selecting a symbol from the Top List will link the Level 2, Chart Window, Time and Sales with the Top List. Create linking groups by selecting color coded letters in the link to group submenu



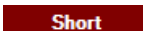
Order Entry


To enter a trade inside the level 2 window:


Quantity	Type	Route	Time In Force
100	MKT	SIM	Day
Price	Stop Price	High Price	Low Price
0.0000	0.0000	0.0000	0.0000
Use Display Qty		Max Display Qty	
Position	Cxl Last	0	
Buy	Sell	Short	Cover

Enter the price, volume (shares), order type and route.

Then click the green BUY button to go long 

To place a short click the dark red SHORT button 

To close a long position, click the red SELL button. 

To close a short position, click the blue COVER button. 

To cancel the last order that was sent, click the yellow cancel button. 

The orange position button will load an open position you are holding. 

1. Routing

ZeroPro is a Direct Market Access platform affording trader's access to all major ECN, exchange and market making routes.

- Electronic Exchanges/ECNs are available from 8am to 8pm EST. Those include: ARCA, BATS, EDGX, EDGA and NSDQ
- Exchanges – AMEX and NYSE are available from 9:30am EST to 4pm EST
- Market Makers – Companies like NITE, VFIN, VNDM are available from 9:30am to 4pm EST

2. Order Types

ZeroPro Level 2 supports the following order types:

1. Market Order – Orders executed from 9:30am to 4:00pm EST. Market orders are executed at the current market price. Price is not guaranteed but execution is within normal market hours
2. Limit Order – These orders can be placed and executed from 8am to 8pm EST. Limit orders are filled at the limit price or better
3. Stop Market Order – This is used to trigger an order once the symbol trades at a the specified stop price. Once the symbol trades at that price, a market order is triggered. With stop market orders, execution is guaranteed, but price is not
4. Stop Limit Order – Two prices are specified with this order type. The Stop price which is the trigger and then the limit price, which is the price that the order is placed, once the order is triggered. Stop Limit orders guarantee the execution price, but execution itself is not guaranteed
5. MOC – Market on Close Orders are used to execute as close to the closing price as possible. All MOC orders must be received by the NYSE and AMEX by 3:45pm EST. MOC orders that are accepted cannot be canceled after 3:45pm EST.
6. LOC – Limit on Close Orders will execute if the closing price is at or better than the submitted limit price. All LOC orders must be received by the NYSE and AMEX by 3:45pm EST and orders cannot be canceled after 3:45pm EST.
7. Range – This order type is used to put a bracket into place. This type will require a high price and a low price specified by the user. If one side executes, the other will cancel. Example: Trader is long 100 AAPL \$ 535.00. A range order can be used to place a stop below (low price) and limit above (high price), if one side executes, the other cancels

3. Order Expiration

There are a few types of order expiration supported by ZeroPro Level 2. These are:

- a. Day – These orders are live and accepted from 9:30am to 4pm EST
- b. GTC – Good til Cancel – These orders can be placed onto the platform 24/7. Please note GTC orders placed in pre/post trading hours will be held and sent out for execution at the start of the next trading session 9:30am EST. GTC Orders will remain active until they are either canceled or executed.
- c. GTX – This order type will keep an order live until the end of the session which is 8pm EST.
- d. IOC – Immediate or Cancel orders are orders that if they are not immediately partially or wholly executed, they are canceled
- e. FOK – like IOC orders, but these will only execute if the entire order can be executed.

4. Hidden Orders

Professional investor, traders and market makers may choose to hide large-size orders by applying the “Hidden” attribute to a larger volume order.

The **Hidden order** type is a simple solution to maintaining anonymity in the market when trying to buy or sell large amounts of stocks, or options ... Your **order** is submitted but evidence of the **order** is **hidden** from the market.

CITIGROUP, INC

C	S	70.700	+2.080	+3.031%	100	8,820,256			
Open	70.110	Close	68.620	High	70.930	Low	69.990	VWAP	70.456
Bid	70.700	BSize	30	Ask	70.710	ASize	2	Exch	NYSE

Exchange	Price	Quantity	Exchange	Price	Quantity	Time	Order Type
NYSE	70.700	30	NQEX	70.710	2	14:26:22	B
NQEX	70.700	10	NYSE	70.710	2	14:26:22	E
PACF	70.700	6	PACF	70.710	1	14:26:22	B
BATS	70.700	3	EDGX	70.710	1	14:26:22	B
EDGX	70.700	2	BATS	70.720	5	14:26:22	N
BATY	70.700	1	CINC	70.730	2	14:26:22	N
CINC	70.700	1	BATY	70.730	1	14:26:22	N
EDGE	70.620	1	EDGE	70.760	1	14:26:22	N
PHIL	70.600	3	PHIL	70.780	4	14:26:22	P
BOST	70.590	2	BOST	70.790	1	14:26:22	N
			AMEX	71.000	1	14:26:22	N

Quantity: 1,000 Type: LMT Route: SIM Time In Force: Day Pegged Instructions: [dropdown]

Price: 70.7400 Stop Price: 0.0000 High Price: 0.0000 Low Price: 0.0000

Use Display Qty: ☒ Max Display Qty: 100

Position: Buy Sell Short Cover

- Enter your share quantity, order type and price.
- Select use display quantity and enter max shares to display

In this example, the trader wants to send a sell order for 1000 shares at \$70.74. Once the order is placed the market depth window will update displaying 100 shares. 100 shares will remain displayed on the level 2 until the order is filled.

Conditional Order Entry

ZeroPro includes ability to send a conditional order. What this means is that a user can set up one order, and then if that order executes, a second order is sent. This can be combined with the range order to up to three conditions. The conditional order entry interface provides for real-time Level 1 price and volume updates.

Example: Set a Buy stop order where if the stock gets to a certain price, the stock is bought. Then after condition 1 is met, send a range order where a limit above is sent for profit and a stop below to protect for losses. If one of those sides executes, the other cancels automatically.

USO : UNITED STATES OIL FUND

USO	-	11.15	+0.26	+2.33%	400	12,014,664			
Open	1.18	Close	10.89	Hi	11.21	Low	11.02	VWAP	11.11
Bid	11.15	BSize	1420	Ask	11.16	ASize	1799	Exch	PACF

Conditional order 1

Action	Quantity	Type	Route	Expiration
BUY	100	Stop-MKT	SIM	Day
Price	0.0000	Stop Price	HighPrice	LowPrice
		12.00	0.0000	0.0000

Conditional order 2

Action	Quantity	Type	Route	Expiration
SELL	100	Range	SIM	Day
Price	0.0000	Stop Price	HighPrice	LowPrice
		0.00	12.5000	11.5000

After Conditional order # 1 executes, submit Conditional order # 2

SEND ORDERS **CANCEL LAST ORDER**

Portfolio Window

The portfolio window is opened using the quick launch or the Portfolio button



Once a trade is placed it will show inside the portfolio window.

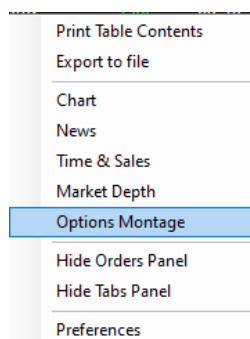
		<u>Day Unrealized</u>	<u>Day Realized</u>	<u>Day Total</u>	<u>Shrs Traded</u>	<u>Equity</u>	<u>Equity Ratio</u>				
		2,471.00	119.00	2,590.00	100	502,590.00	100.00%				
Cancel	Symbol	Action	Shares	Type	LMT Price	Stop Price	ApproxMKTPrice	AvgPrice	Status	ClOrdId	
Cancel >>	AAPL	SELL	200	Stop_MKT		227	0	0	NEW	12245.6383784r2	
Cancel >>	AAPL	SELL	200	LMT	231.7500	0	0	0	NEW	12245.6383784r1	
Cancel >>	USO	BUY	500	LMT	10.9700	0	0	0	NEW	12245.6383782	

Symbol/Contract	FullName	Side	DayChg	Avg Px	Position	Unrealized	AccType	\$ValueIn
C	CITIGROUP, INC	Long	+1.21	67.41	1000	1,223.64	MARGIN	74,143.67
AAPL	APPLE, INC	Long	+2.50	226.83	200	536.00	MARGIN	45,366.00
INTC	INTEL CORP	Long	+0.58	50.42	700	445.00	MARGIN	35,297.00
MMM	3M CO	Long	+1.30	151.26	200	198.00	MARGIN	30,252.00
MSFT	MICROSOFT CORP	Long	+0.78	138.13	100	88.00	MARGIN	13,813.00

The portfolio window provides real-time account and order management. All Information about open orders, executed orders, closed positions, realized gain/loss, buying power, and order history is displayed. Real-time overnight buying power is also available.

The portfolio will average price all day trades, but will treat overnight and day trade positions separately. Ex: Trader is long 100 AAPL from yesterday. They buy 100 AAPL today. The portfolio would show two-line items for AAPL: one labeled Overnight and one labeled: Day. If trader sells 100 AAPL, the first to go would be the last one created (LIFO). If the 100 Day AAPL is held til tomorrow, then the trader would show 200 AAPL with an average price upon logging in tomorrow.

Right clicking on the portfolio window opens a submenu of additional options.

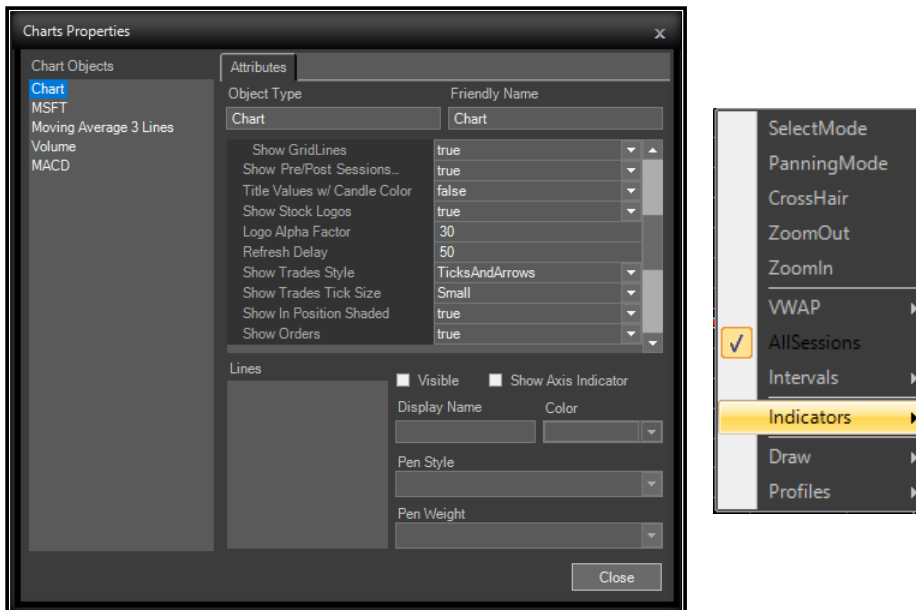


Charts Window:

To open a chart screen select the shortcut icon from the menu bar.

Click inside the chart window will open the chart properties and attributes.

Selecting Indicators from the chart objects menu





Candle Stick Information

Simply left-click and hold the mouse button over an area of the chart.

Drag mouse from candle to candle to see the information for that specific candle

Indicators

General

%Chg
Accumulation Distribution
Aroon
Average True Range
Balance Of Power
Chaikin Money Flow
Chaikin's Volatility
DEMA
Ease Of Movement
Keltner Channel
Momentum
On Balance Volume (OBV)
Parabolic SAR
Performance
Price Channels
Price ROC
Qstick
Raff Regression Channel
Range Indicator
R-Squared
Segmented Time
TEMA
Time Series Forecast
TRIX
Vertical Horizontal Filter
Weighted Close
Wilder's Smoothing

Moving Average Based

Absolute Price Oscillator
Bollinger Bands
MACD

Mov Avg Envelopes
Mov Avg Exponential
Mov Avg Time Series
Mov Avg Triangular
Mov Avg Variable
Mov Avg Vol Adjusted
Mov Avg Weighted
Moving Average 1 Line
Moving Average 2 Lines
Moving Average 3 Lines
Percentage Price Oscillator
Volume Average

Price

Previous Close

Oscillators

ADX
ADXR
Chaikin Oscillator
Chande Momentum Oscillator
CSI
Detrended Price Oscillator
Difference Price Oscillator
DMI
Forecast Oscillator
Klinger Oscillator
Price Oscillator
Projection Bands
Projection Oscillator
Stochastic Oscillator
Ultimate Oscillator
Volume Oscillator
Williams' %R

Index Based

Accumulation Swing Index
CCI Average
Choppiness Index
Commodity Channel Index
Dynamic Momentum Index
Inertia
Intraday Momentum Index
Market Facilitation Index
Mass Index
Money Flow Index
Negative Volume Index
Positive Volume Index
Relative Momentum Index
Relative Strength Index (RSI)
Relative Volatility Index
Stochastic Momentum Index
Swing Index
Trend Intensity Index
Ulcer Index

Volume Based

Volume
Volume Rate of Change

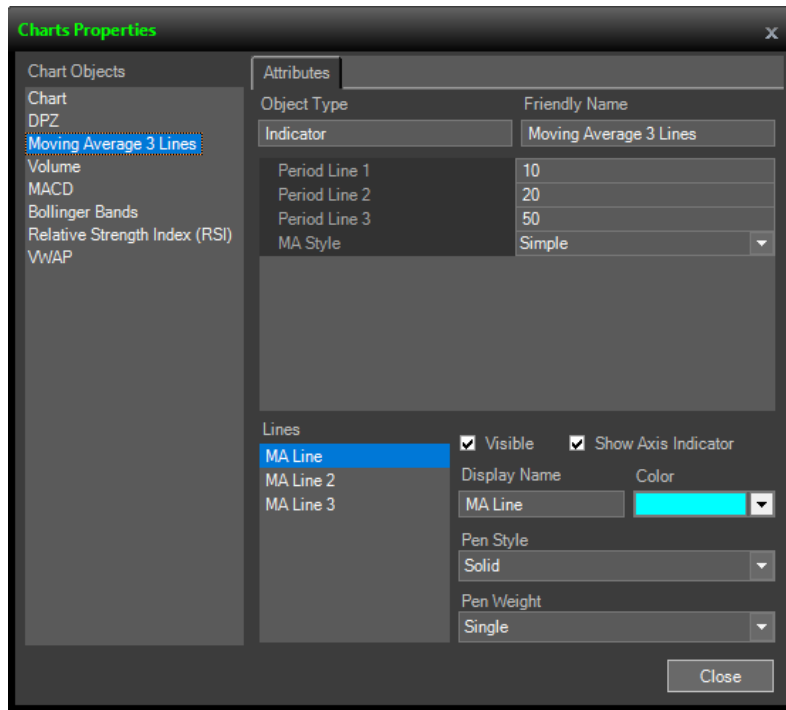


Chart Attributes

- Show LastVale Side - displays indicator value on right side of chart price axis
- Bar Margin to Right - sets bar margin space between price axis and current candle
- Histograms Use Thin Lines - change volume and MACD histograms to thin or solid
- Show Values in Titles - shows indicator price values
- ScrolBar Mode - select true or false
- Time Axis on 2 Lines - adjust time axis
- Show GridLines - select true or false
- Show Pre/Post Sessions - when selected shows pre and post market sessions
- Title Values w/ Candle Color - highlights title values bases on current candle color
- Show Stock Logos - show company logo on chart
- Show Trades Style - select none, ticks only, ticks and arrows, text or no shares
- Show Trades Tick Size - select small medium or large
- Show in Position Shaded - shows shaded area on chart timeline when in positions
- Show orders - shows horizontal line across chart for limit, stop, and range orders

There are over 50 indicators to select from and customize. Once an indicator is selected, the ability to customize the indicator is available in the left-hand panel. These include VWAP, Triangles for Trade, Previous day close, On Balance Volume, Bollinger Bands, MACD, and many more.

If you select a study in the charts object area, you can customize the studies settings. In this example, you can change moving average 3 Lines color, pen style and pen weight. Select the next indicator in the chart objects area to configure the attributes.



Watchlist

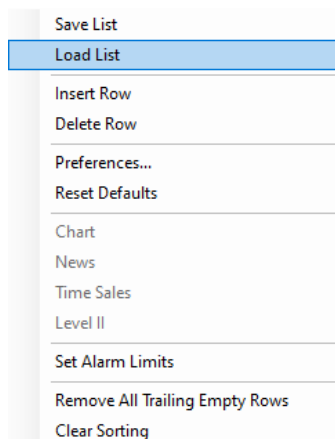
To open a watchlist screen select the watchlist shortcut icon from the menu bar.

The watchlist window allows traders to enter up to 1000 symbols in the list. The fields update dynamically, tick for tick and in color. There are over 20 columns that can be sorted, order of the columns changed, and the colors and fonts can be amended.

Symbol	Change	Last	Bid	Ask	Volume	Day High	Day Low	Year High	Year Low	Last Size
TECH										
AMZN	16.18	1721.69	1720.50	1721.98	1995933	1729.95	1714.36	2035.80	1307.00	4
GOOG	12.91	1202.04	1199.53	1202.85	847435	1208.35	1197.63	1289.27	970.11	95
AAPL	2.55	226.95	226.91	227.00	18423417	227.79	225.65	229.93	142.00	1
AAPL	2.55	226.95	226.91	227.00	18423417	227.79	225.65	229.93	142.00	1
MSFT	2.53	138.20	138.20	138.23	19413460	138.70	136.97	142.37	93.96	175
FB	1.85	179.60	179.60	179.84	7474746	180.72	177.94	208.66	123.02	3
NFLX	-3.52	267.20	267.20	267.60	6745154	271.00	264.57	385.99	231.23	138
NETWORK										
NVDA	3.48	180.71	180.31	180.59	7229831	182.70	179.16	268.76	124.46	2000
QCOM	1.50	74.35	73.60	74.34	5063006	74.80	73.56	90.34	49.10	801
CIEN	0.71	37.30	36.00	39.67	1007296	37.44	36.75	46.78	28.23	5
JNPR	0.20	23.35	23.21	24.10	2578752	23.47	23.26	30.80	22.42	61
EXTR	0.03	7.14	7.11	7.20	630173	7.19	7.03	8.59	4.81	900
MAXR	-0.41	7.44	7.20	7.60	2825986	8.05	7.21	32.82	3.83	4
OIL										
HES	2.23	64.35	54.85	64.70	2124467	64.72	62.93	73.19	35.59	2158
CVX	1.43	113.14	112.81	113.29	4553764	114.51	112.30	127.60	100.22	1
XOM	0.74	67.44	67.31	67.58	8423835	67.70	67.20	86.88	64.65	2575
CLR	0.68	27.98	27.41	28.60	4977505	28.58	27.58	66.52	27.26	4248
BP	0.32	37.17	37.01	37.37	4480779	37.38	37.12	46.23	35.73	5522
APA	0.28	20.53	20.03	20.95	4844317	20.73	20.12	50.03	19.44	614

A right mouse click in the watchlist will bring up a menu where fonts can be changed, and the window can be Linked to Group. In order to populate watchlist symbols into the linked windows, double click anywhere along the row of the symbol, EXCEPT for on the symbol itself. Press Insert on your keyboard to insert new rows or delete to delete selected rows.

In the example above, multiple sectors are created by selecting an empty row and typing a comma then the name of your favorite sector or industry.



News

To open a news screen select the shortcut icon from the menu bar.

The ZeroPro news currently receives stream real-time headlines and stories from Benzinga.

Double-clicking on any news headline will bring up the story for that headline if a story exists. Double clicking on a headline without a story attached will do nothing.

News Symbol: AAPL Keyword: ANALYST RATINGS

Symbol	Date	Headlines
AAPL	2019/09/18 07:16:09	Wedbush Sees iPhone 11 Units 185M+ For FY20
	2019/09/18 08:36:15	Wedbush: Apple Can Beat iPhone Delivery Estimates Of 70M
	2019/09/19 12:18:20	Analyst Defends Roku After Comcast Product Launch
	2019/09/19 14:53:06	Akamai Technologies Receives Downgrade Amid Streaming Excitement
	2019/09/20 04:05:02	JP Morgan Says Maintaining iPhone Shipment Forecast of 184M Units in CY 2019, 195M Units in CY2020; Says IP...
	2019/09/20 07:59:24	Cascend Reiterates Buy on Apple, Raises Price Target to \$270
	2019/09/20 09:28:17	10 Biggest Price Target Changes For Friday
	2019/09/20 10:17:54	Pivotal Research Explains Roku Bear Thesis
	2019/09/20 10:48:38	Needham's Martin Talks Apple Services, Streaming Video Competition
	2019/09/23 10:40:09	10 Stocks Where Short Sellers Are Throwing In The Towel
	2019/09/23 12:52:50	Piper Jaffray Maintains Overweight, \$243 Target On Apple As Firm's 'survey of U.S. iPhone owners points to highe...
	2019/09/23 12:52:55	Piper Jaffray On Apple Also Notes 'The survey results are consistent with our expectations, as we expect FY20 will...
	2019/09/24 04:36:31	Jefferies Assumes Coverage on Apple With a Buy Rating, \$260 Price Target; jefferies Says Street Underestimates...
	2019/09/24 09:34:30	Apple Shares Relatively Quiet As Traders Circulate Comments From OTR Global Suggesting Initial Preorders For N...
	2019/09/24 15:07:17	Analyst: Apple Makes Smart Move To Keep Mac Pro Assembly In Austin
	2019/09/26 12:09:07	Analyst: Apple's Services Narrative Is Largely Priced In; Stock No Longer Attractive

Right click inside the news window will bring up the submenu options. In the preferences menu, fonts color and columns can be adjusted.

Keywords traders can select from the submenu include:

Analyst Ratings	Earnings	Movers	Rumors
Analyst Color	Futures	Management	Markets
Contracts	FDA	News	Pre-Market
Commodities	Downgrades	Price Target	Outlook
Eurozone	Global	Press Release	Reiteration
	Guidance		Upgrades

Time & Sales

To open a chart screen select the shortcut icon from the menu bar.

A screenshot of the 'AAPL : APPLE, INC' Time & Sales window. The window displays a table of trades for AAPL. The table has columns for Price, Size, Time, Exch, and Type. The trades are color-coded: light green for trades above the ask, green for trades at the ask, and red for trades below the bid. The table shows a series of trades at various prices and times, with the most recent trade at 227.020.

Price	Size	Time	Exch	Type
227.020	48	16:02:39	NQEX	Inside
227.020	47	16:02:39	NQEX	Inside
227.020	53	16:02:34	NQEX	AtAsk
227.020	47	16:02:34	NQEX	AtAsk
227.030	30	16:02:32	EDGX	AboveA
227.020	1	16:02:31	NQEX	AtAsk
227.020	99	16:02:31	NQEX	AtAsk
227.020	1	16:02:29	NQEX	Inside
226.870	8	16:02:08	NQEX	Inside
227.140	6	16:01:56	EDGX	AtAsk
227.000	100	16:01:50	NTRF	Inside
227.140	1	16:01:47	NTRF	AtAsk
227.110	1	16:01:41	NQEX	Inside
227.040	150	16:01:37	NTRF	Inside
227.100	90	16:01:34	NTRF	Inside
226.800	2	16:01:32	NTRF	AtBid
227.020	33	16:01:10	EDGX	AtBid

The time Sales window provides for complete customization of colors to easily differentiate prices of trades at a glance. Combine the font color change with background color adjustment for real easy to see differentiation. In the shot above, the light green prints are trades above the ask, while the green prints are just trades at the ask.

The light red prints are trades below the bid and red font is at the bid.

White font trades occur in between the bid and the ask.

The Route column will display the Venue in which the corresponding order's execution occurred.

Right- click inside the time and sales window to bring up the submenu options.

Top List

To open a Top List screen select the quick launch from the menu bar or click the Top List button.

Symbol	Last	Change	% Chng	Volume
RARX	45.80	+22.95	+50.45%	21,475,979
MREO	3.62	+0.96	+26.17%	80,800
BBBY	12.15	+2.15	+18.19%	52,077,299
ACRS	1.40	+0.03	+17.14%	1,675,810
RETA	87.00	+9.89	+12.54%	588,770
KDD	17.69	+1.40	+12.32%	284,142
CRVS	2.90	+0.30	+10.34%	222,882
FRAN	16.82	+1.60	+9.89%	903,763
FOMX	2.95	+0.28	+9.83%	1,891,834
TMDX	19.43	+1.85	+9.52%	69,061
STSA	10.30	+0.94	+9.13%	68,885
MVIS	0.77	+0.06	+9.09%	365,054
WVE	19.80	+1.07	+8.64%	327,840
NH	0.73	+0.06	+8.50%	43,115
SPWH	6.26	+0.56	+8.31%	2,461,051
MITO	6.97	+0.69	+8.18%	1,523,228
GLNG	14.31	+1.15	+8.04%	2,568,858
UMRX	1.46	+0.11	+7.53%	50,828
ASNA	0.40	+0.01	+7.42%	3,647,172
REAL	22.93	+1.30	+7.41%	3,092,819

Symbol	Last	Change	% Chng	Volume
FSCT	24.60	-14.64	-59.35%	7,272,948
XONE	6.35	-0.07	-30.55%	29,070
TLSA	3.40	-0.86	-26.70%	21,313
ADTN	9.05	-2.10	-20.55%	1,683,701
ADXS	0.35	-0.07	-16.41%	17,210,868
DOGZ	1.85	-0.28	-15.14%	100,229
ACOR	2.50	-0.19	-14.40%	1,546,334
GSM	0.70	-0.10	-12.86%	2,410,152
DGI	2.80	-0.43	-12.50%	3,269,379
TLRY	21.24	-3.22	-12.38%	3,870,619
TCOY	0.33	-0.03	-11.75%	198,133
TOCA	0.56	-0.06	-11.30%	948,592
SELB	1.49	-0.16	-10.40%	504,591
RUHN	5.81	-0.58	-9.64%	153,486
POTX	18.00	-1.72	-9.56%	30,051
AUPH	4.29	-0.49	-9.32%	5,378,156
TVIX	13.85	-0.92	-8.59%	35,133,802
INAP	2.40	-0.20	-8.33%	122,472
ECOR	2.42	-0.20	-8.26%	88,391
TBIO	8.96	-0.73	-8.15%	295,844

Right click inside the Top Ten to bring up the submenu.

The Top Ten displays information for stocks on several exchanges. To change the exchange in view select the drop-down arrow. The possible views are:

- Most Active
- % Change Up
- % Change Down
- Net Change Up
- Net Change Down

These are available for each of the AMEX, NASDAQ, NYSE, OTCBB and Pick Sheet exchanges.

Options

To open an options screen select the shortcut icon from the menu bar.

To show all calls if the call tab is in focus and all puts if the put tab is in focus. bring up an option chain just enter the underlying symbol in the upper left-hand corner in the root box and hit enter. Expiration period can be changed by selecting appropriate tab. The window is arranged to show all calls if the call tab is in focus and all puts if the put tab is in focus.

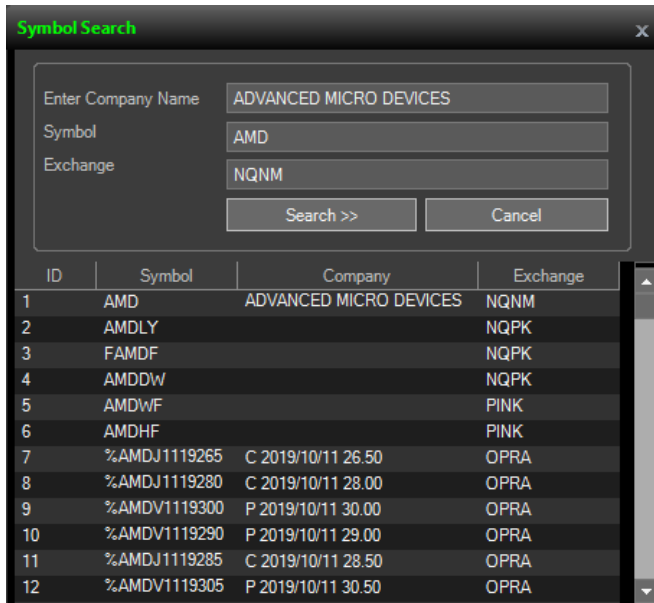


A click on any one of the options symbols will bring that contract to the options order entry window. Currently, the platform allows traders to:

1. Buy and sell options contracts
2. Setup covered calls and puts
3. Do naked shorting of options
4. Do spreads and strategies

Symbol Search

To open the symbol search function select the shortcut icon from the menu bar or click the Symbol Search button.



ID	Symbol	Company	Exchange
1	AMD	ADVANCED MICRO DEVICES	NQNM
2	AMDLY		NQPK
3	FAMDF		NQPK
4	AMDDW		NQPK
5	AMDWF		PINK
6	AMDHF		PINK
7	%AMDJ1119265	C 2019/10/11 26.50	OPRA
8	%AMDJ1119280	C 2019/10/11 28.00	OPRA
9	%AMDV1119300	P 2019/10/11 30.00	OPRA
10	%AMDV1119290	P 2019/10/11 29.00	OPRA
11	%AMDJ1119285	C 2019/10/11 28.50	OPRA
12	%AMDV1119305	P 2019/10/11 30.50	OPRA

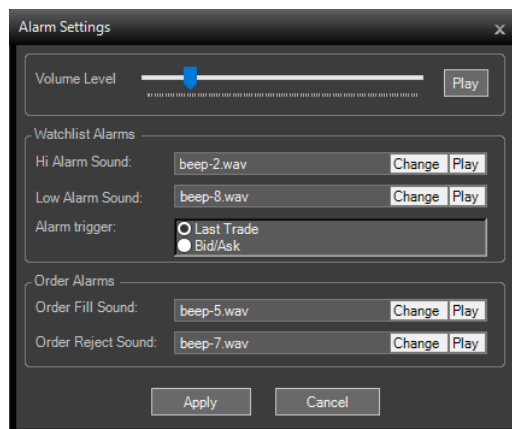
Alerts and Alarms

To open a chart screen select the shortcut icon from the menu bar.
Once selected it will open the chart configuration window.

There are two places that alerts can be configured in ZeroPro:

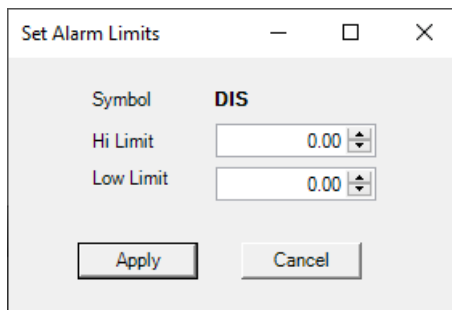
1. From the Alarm Settings from the Main Toolbar
2. From the right click menu in the watchlist and then clicking on Set Alarm Limits

From the Alarm Setting window:



The alert volume, the alert sound, the price trigger based on bid/ask or last trade, as well as alerts based on orders being filled or rejected can be configured here.

From the right click in the watchlist, the high and low price alerts can be configured for each symbol. Once the alert is configured, the high and low prices for the alerts are displayed in that symbols' row in the watchlist.



Exchange Agreements



Prior to logging into and receiving data through ZeroPro, users will need to complete the real-time click through exchange agreements in order to identify the user to the various exchanges as well as to determine their professional or non-professional status.

In order to log in to complete the agreements, users will need to log in to fill out the Agreements by using their Trader Username and Password. Once logged, in users will be required to provide basic contact information, as well as clicking through the agreements for those exchanges that they wish to see in real-time. As each agreement is populated, the monthly recurring cost for real-time will be displayed to the user.

Once the agreements are fulfilled, the user can then proceed to log in and receive real-time market data for each of the exchanges that the agreements have been filled out for.

If the user needs to add or take away a real-time exchange, they can proceed to the Agreements Icon on the main toolbar and then edit the exchanges by filling out or removing an agreement.

Hi Low Ticker

The High Low ticker is a streaming ticker that allows users to watch stocks that are hitting both day high and low as well as 52 week High and Low. The information scrolls from top to bottom with the latest info populating at the top of the screen and scrolls downward as updates occur.

All updates are color coded. The legend is as follows:

- Stocks at day high are listed in green font
- Stocks at day low are listed in red font
- Stocks that are at the 52 week high are shown with a green background and black font
- Stocks that are at the 52 week low are shown with a red background and black font



Symbol	Price	Text	Time	Note	NetChg	PrcNetCh	Volume
BBBY	11.950	Day High	16:58:53	NQNM	2.01	16.78	4,836,873
SOLY	13.250	Day High	16:48:29	NQSC	1.81	13.66	547,985
SOLY	13.050	Day High	16:29:35	NQSC	1.61	12.34	547,335
SOLY	12.950	Day High	16:16:07	NQSC	1.51	11.66	546,150
NM.PR.H	8.950	Day High	16:02:00	NYSE	2.13	23.80	25,498
NSEC	14.000	Day High	15:51:35	NQNM	2.45	17.50	18,034
SOLY	12.860	Day High	15:37:27	NQSC	1.42	11.04	490,948
NM.PR.H	8.890	Day High	15:35:16	NYSE	2.07	23.28	25,348
NSEC	13.890	Day High	15:21:32	NQNM	2.34	16.85	17,095
VERY	16.560	Day High	14:19:00	NQSC	3.26	19.69	128
APRE	21.610	52 Week	14:07:41	NQNM	2.67	12.35	151,561
TRMD	10.500	Day High	14:01:28	NQNM	1.60	15.24	23,118
TRMD	10.467	Day High	13:23:00	NQNM	1.57	14.97	21,892
SOLY	12.820	Day High	13:17:46	NQSC	1.38	10.76	384,593
NM.PR.G	9.000	Day High	12:10:15	NYSE	2.40	26.67	2,400
HOV	23.000	Day High	19:42:56	NYSE	3.09	13.43	454,375

Figure 7.1

The fields that are displayed in the High Low ticker are:

1. Symbol
2. Price
3. Text which provides the description of Day High Day Low, etc.
4. Time
5. Net Change
6. % Net Change

Users have the ability to filter exchanges in or out, can set filters for price of the symbol, the net change, the % net change and volume.

Each of these filters can be setup via the right click menu and then selecting Display Preferences.

Lising Exchanges		
NYSE Listed	AMEX Listed	NASDAQ Listed
<input checked="" type="checkbox"/> NYSE	<input checked="" type="checkbox"/> AMEX	<input checked="" type="checkbox"/> NQNM
<input checked="" type="checkbox"/> NTRF	<input checked="" type="checkbox"/> PACF	<input checked="" type="checkbox"/> NQSC
	<input checked="" type="checkbox"/> CINC	<input checked="" type="checkbox"/> NQEX
	<input checked="" type="checkbox"/> PHIL	<input checked="" type="checkbox"/> NQBX
	<input checked="" type="checkbox"/> BOST	<input checked="" type="checkbox"/> NQAG
	<input checked="" type="checkbox"/> CHIC	<input checked="" type="checkbox"/> NQNX
	<input checked="" type="checkbox"/> MIAX	
	<input checked="" type="checkbox"/> BATS	
	<input checked="" type="checkbox"/> BATY	
	<input checked="" type="checkbox"/> ISEX	
	<input checked="" type="checkbox"/> EDGE	
	<input checked="" type="checkbox"/> EDGX	

Price Range	
High	50.00
Low	0.25

Net Change Range	
High	
Low	1.00

Percentage Change Range	
High	
Low	10.00

Volume Filter	
Limit	2,000,000
Type	

OK Cancel

In Figure 7.1, hi and lows will be displayed for the exchanges that are checked off. In addition, the ticker will only display highs and lows that are occurring for stocks priced between \$0.25 and \$50. If any of the fields are left blank, then those filters will not take effect. In this example, the high and low ticker will only display stocks trading greater than 2,00,000 shares and have a minimum percent change of 10% or more and must be up \$1.00 or more on the day.

If you leave the net change range and percent change range blank, you will see both high and low stocks that follow price range and volume filter rules.

Hot Keys

Hotkeys Configuration

Action: SetupOrSendOrder Hotkey (Up to combination of 2): CTRL+Num 2 Description: Sell Stop

Setup and/or Send an order based on the selected parameters below of the Active symbol in the Current Active window (Currently only MarketDepth). If a field is set to <No Change> then the value will not be modified

Side: Sell Quantity Type: Shares Quantity: 100 Order Type: Stop-MKT

Route: SIM Time In Force: Day Stop Price Source: Bid Stop Offset: 0.200

☐ Auto-Send Order?

Cancel **Save**

Type	Valid	Description	Details
LiquidateAll	True	Liquidate All	"CTRL+L" to Liquidate All by 100% using SIM with Confirm Prompt
SetupOrSendOrder	True	Market Buy	"CTRL+Num 1" Setup Buy 100 Shares MKT on SIM for Day
SetupOrSendOrder	True	Sell Stop	"CTRL+Num 2" Setup Sell 100 Shares Stop-MKT on SIM for Day at Stop (Bid+0.20)
SetupOrSendOrder	True	Bid Limit	"CTRL+Num 3" Setup Buy 100 Shares LMT on SIM for Day at (Bid-0.30)
SetupOrSendOrder	True	Cover Short	"CTRL+Num 4" Setup Cover 100 Shares MKT on SIM for Day
SetupOrSendOrder	True	Sell Short	"CTRL+Num 7" Setup SellShort MKT on SIM for Day
AllOrdersAction	True	Cancel	"F1" to Cancel FirstOrder on All

Delete All Hotkeys **Apply** **OK** **Cancel**

Figure 7.2 hot key example

When mapping out hot keys use keyboard to create buy and sell assignments. Use Ctrl or Alt + Keyboard or Function keys to map hot keys.

To configure the hot keys, go to the Hot Keys icon on the Main toolbar. There are 6 different types of hot keys that can be used for trading in ZeroPro. The combination of setting up all key types will allow for complete trading using the keyboard. The hot keys types and their corresponding functionality is as follows:

Toggle Market Depths and Toggle Charts function – This key type is used to allow for toggling between Level 2 order entry windows and for different charts

Level 2 Keys:

1. Window Load – This key type (auto send order box must be unchecked) will allow order setups to be added to the Level 2. This will not send an order but rather an order setup. Once loaded the order can be modified with the arrow keys for price and volume. Once the order is ready to be sent, the order can be fired using the ENTER key.

In the Quantity field of the keys, users can toggle between Position and Shares or No Change. When Position is highlighted, the Quantity box changes to Percentage, so that % of current positions can be sent. When no change is highlighted, traders can enter share quantity using the numpad or using the quantity field in order preference screen of the Level 2 window. If shares are selected, then the software will default to a pre-defined quantity set by the trader.

Limit prices can be adjusted by the offset field on the right. If a Buy Bid order type is desired, an offset of .01 will create a Bid + .01 order.

2. Hot key execute – This is a traditional hot key (auto send order box must be checked) where once setup, will send an order straight away for the symbol that is in the Level 2 window that is in focus.

Figure 7.4 hot key example

The difference between AllOrdersActions and SymbolOrdersAction is that AllOrdersActions is exclusive to the application and orders can be canceled from anywhere on the ZeroPro platform whereas SymbolOrdersAction requires the Market Depth window to be in focus.

4. Cancel – This allows for cancel keys to be set. The options are cancel last, cancel first order, all sells, all buys, all shorts, all covers, all orders
5. Number Pad – When this is enabled it allows users to set volume using a multiplier of the number pad keys. For example, if the multiplier is set to 1000, when the user presses the 5 key on number pad, the volume of 5000 will be displayed in the Volume box of order entry. Please see page (8) of the manual for NumPad Qty Multiplier setting.
6. Liquidate All – This key allows to the trader to close out of all positions (100%) or change (% of Position) to 50% to close out of ½ open positions.

Action	Hotkey	Description
AllOrdersAction	Escape	Cancel Last Order

This is a Global Hotkey, this Hotkey will be exclusive to this application while it's running. Perform an action on the orders based on the selection below, like Cancel ALL orders found

Selection

Action

LastOrder

CancelOrder

☐ Make this a System Wide Hotkey. Several combinations are restricted to limit side-effects with other applications.

☐ Prompt for confirmation?

Action	Hotkey	Description
LiquidateAll	CTRL+L	Liquidate All

This is a Global Hotkey, this Hotkey will be exclusive to this application while it's running. Liquidate ALL positions of the currently selected Account based on the parameters below

% of Position

Route

100 %

SIM

☐ Make this a System Wide Hotkey. Several combinations are restricted to limit side-effects with other applications.

☒ Prompt for confirmation?

Next Generation Short Locates

How does the new system work? During the trading day, if you have locates you no longer want or need, you can mark all or a portion of your locate shares for credit by pressing the 'Credit' button next to each located symbol's quantity.

By marking your locate shares for credit you will make the locate shares available on a first come first serve basis to other TradeZero clients looking for locates in the same security. You can recoup up to 50% of your initial locate cost when another TradeZero client purchases your locates marked for credit.

The screenshot displays the 'Short List' window in TradeZero. It is divided into three main sections. The top section, 'Watchlist', shows a list of symbols with columns for Symbol, Price, Shares, Total\$, Action, and Time. The middle section, 'Open Orders', shows a list of symbols with columns for Symb, LastPrice, Nightly, LastTime, Available, and Locate. The bottom section, 'Inventory, history and Easy to Borrow tabs', shows a table with columns for Symbol, Available, Unavailable, Credited, Credit, and Action. The 'Locate' button in the 'Open Orders' section is highlighted with an orange arrow.

The locate window has three sections.

1. Watchlist
2. Open Orders
3. Inventory, history and Easy to Borrow tabs

First, create a watchlist: type (search) a symbol and then select locate. If available, the locate will appear in the watchlist for you to accept or cancel. Executed orders will appear in the inventory tab. Locates that are no longer needed can be marked for credit. Once credit has been executed, credit amount will display in inventory.