

Brokerage Plus User Guide

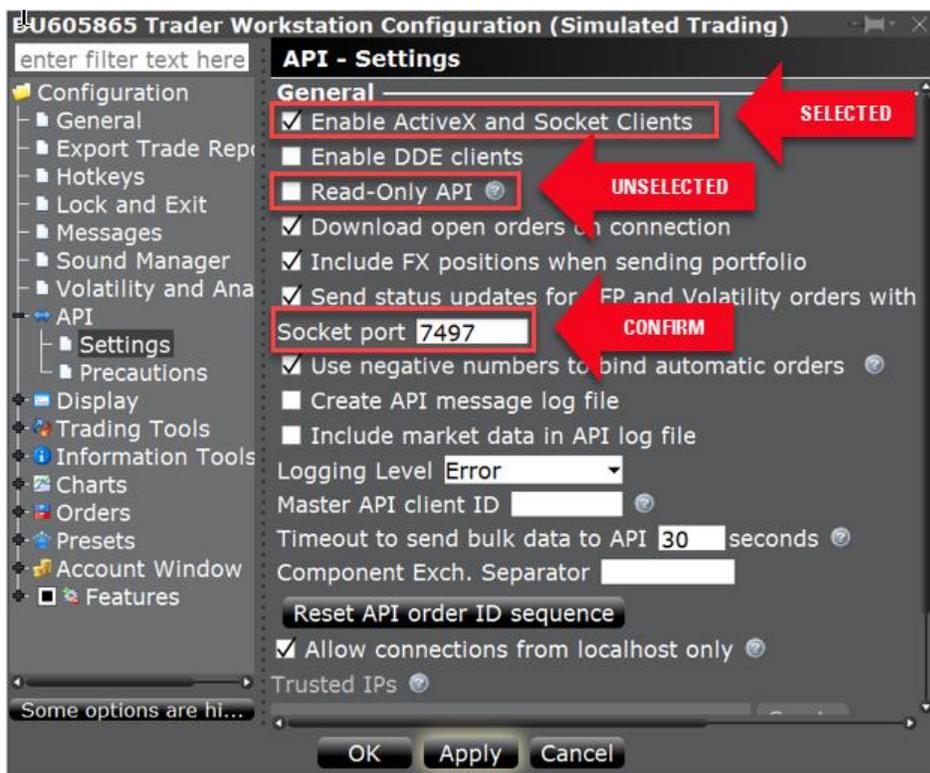
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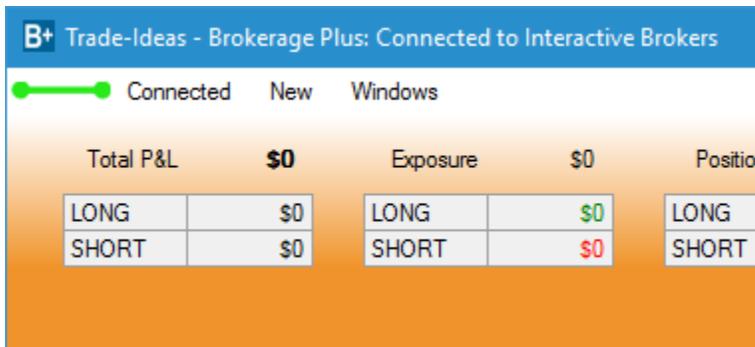
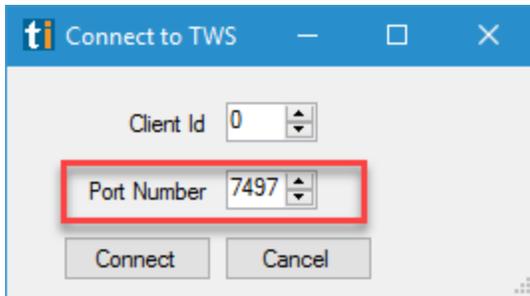
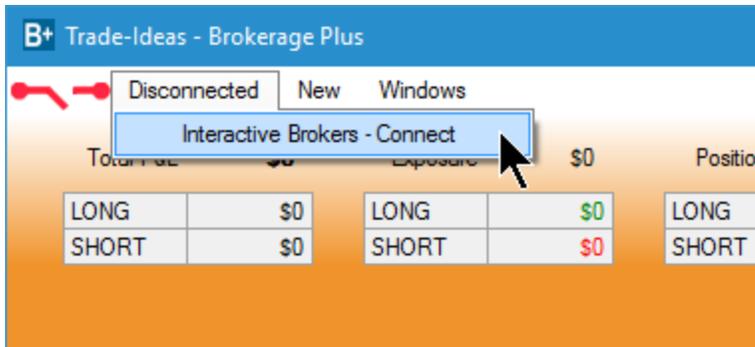
Brokerage Plus is a Premium add-on to the Trade Ideas Pro downloadable application. At the time of this writing, Brokerage Plus (“B+”) connects exclusively to Interactive Brokers (“IB”) Trader Workstation. It is required to have an active IB account to use the B+ functionality. B+ add multiple execution functions to Trade Ideas Pro including the ability to automate any alert strategy so that signal’s appearing in an alert window will automatically send an initial order, a stop order, profit target and its respective time stop. In addition, when B+ is connected to IB, additional execution functionality is available to the user from any Trade Ideas window by use of the right-click Trade *this* menu item.

Connecting Brokerage Plus to Trader Workstation

Several configuration adjustments to Trade Workstation are often required to properly connect the two applications. From the Trader Workstation menu, select **File** → **Global Configuration...**

Confirm you have selected and unselected the appropriate checkboxes shown in the image below. You will also need to make sure the Socket port matches the port indicated when Connecting B+. Typically, demo mode uses port 7497 and live mode uses port 7496.

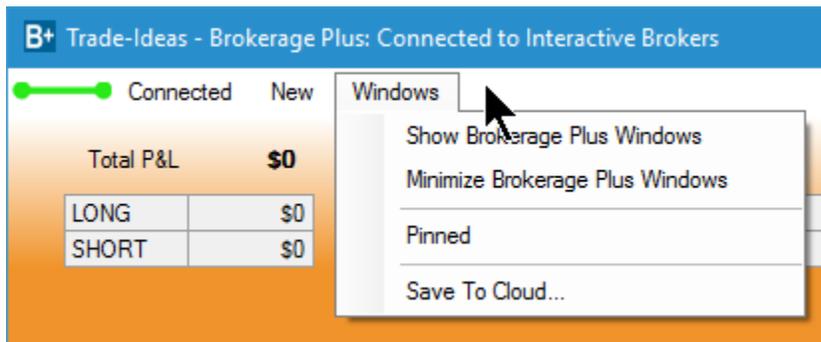
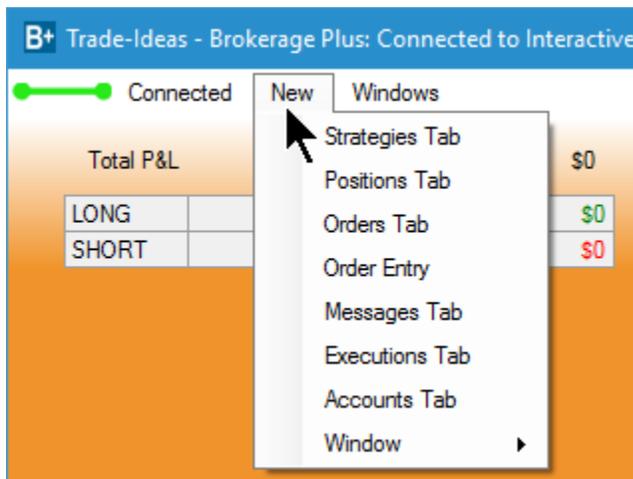




Brokerage Plus Menu

The main B+ menu has three (3) options.

1. Connection
 - a. Connects B+ to Trader Workstation API via selected port
2. New
 - a. Opens a tabbed or free-floating windows displaying *Strategies, Positions, Orders, Order Entry, Messages Executions and/or Accounts*
3. Windows
 - a. Restores the minimized B+ free-floating windows
 - b. Minimizes the open free-floating B+ windows
 - c. Displays the open free-floating B+ windows
 - d. The pinned selection allows for a window to remain visible on the desktop when loading other channels and/or layouts. It is recommended that the B+ window remains pinned
 - e. The Save to Cloud... option allows you to save the current configuration of B+ to your cloud for future retrieval



Strategies Tab / Grid

The Strategies view is where you define the various automated strategies and their respective entry and exit rules. This is also where you add the various order types for use in the right-click Trade action. The columns can be customized by right-clicking on the header row to spawn the column chooser.

Side	Entry Type	Name	PF	Lst Sym	Strategy Status	Start Time	End Time	Trds Today	Stop Loss / Pft Tgt	Exit Date	Open P&L	Closed P&L	Total P&L	Sim Perf	Advanced Exits	Alerts Started
Long		Discretionary Long			On			0			0.00	0.00	0.00		Off	
Short		Discretionary Short			On			0			0.00	0.00	0.00		Off	

Select: All Long Short Enable Selected Disable Selected Enable Adv Exits Disable Adv Exits Run Statistics... Delete Selected

Adding an automated trading strategy

1. Right click in the grid to bring up the right-click menu. To start from scratch, select New Trading Strategy. The Trading Strategy window will open without a defined strategy. You can either copy a collaboration link from an existing strategy or build it from scratch. To build it from scratch, select the Configure Button, otherwise copy using Collaborate.
2. To load a strategy from the cloud, select the Load from Cloud... option from the right-click menu

3. Complete the various sections of the Trading Strategy window.
 - a. **Initiate Trades Between** allows you to specify when you can possibly initiate an order with the strategy entered. Choose a start time and an end time.
 - b. **Position sizing** allows you to set your trade default to a fixed dollar value or fixed share size per order.
 - c. **Entry Order** allows you to define the order type in addition to limit delta values for limit orders which allow you to place orders above or below the last price. There is also a time in force for Good for Seconds.
 - d. **Stop Loss** accommodates \$, % or any Trade Ideas filter like the Smart Stop

- e. **Target** defines your profit exit. When this value is achieved, an order to automatically exit the position will be sent.
- f. **Trailing Stop** is not presently available.
- g. **Timed Exit** defines how long to hold the position once it has been initiated. Each strategy has a predefined time exit from minutes to days.

Adding a right-click Trade order type

1. Setting up your right-click Trade order is quite easy and like that of an automated trading strategy except there is no need to define a strategy in the Strategy Configuration section. Only a Name is required which is what will be displayed in the right click menu. To enable Advanced Exits which include Profit Save and Reduce Risk rules, right click on the strategy and select Advanced Exits. You can also highlight one or more rows and use the Enable Adv Exits button at the bottom of the window.

Profit Save – Profit save is an algorithmic risk management rule-set that works to help investors preserve profits in open position.

Reduce Risk – Reduce risk is an algorithmic risk management rule-set designed to avoid further losses.

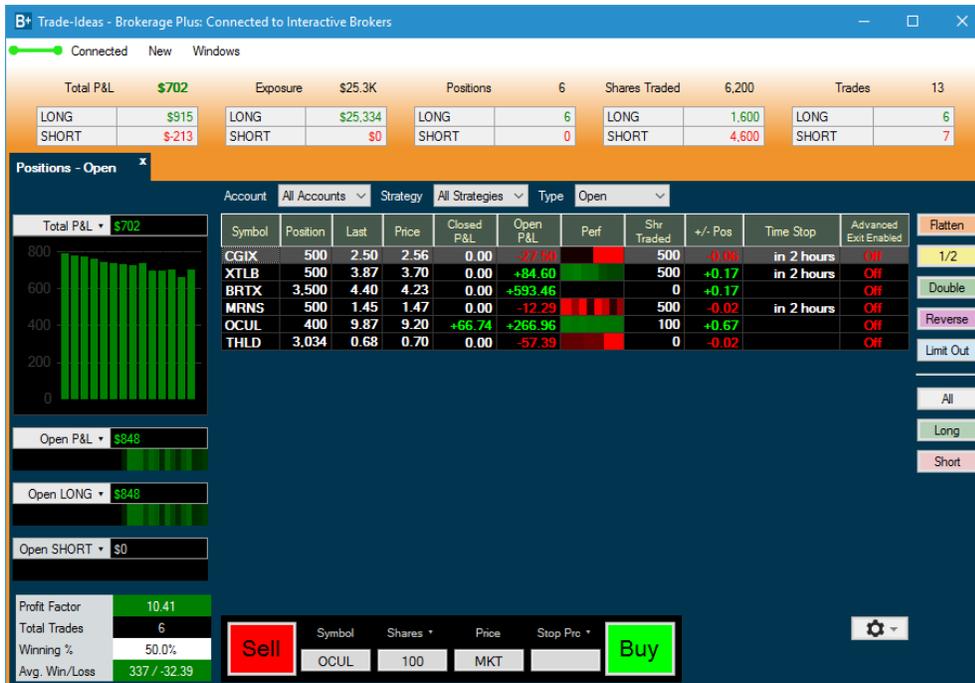
Side	Entry Type	Name	PF	Lst Sym	Strategy Status	Start Time	End Time	Trds Today	Slip Loss / Pft Tgt	Exit Date	Open P&L	Closed P&L	Total P&L	Sim Perf	Advanced Exits	Alerts Started
Long		Discretionary Long			On			0			0.00	0.00	0.00		Off	
Short		Discretionary Short			On			0			0.00	0.00	0.00		Off	
Long	Market	1,000 shares at market			Off	6:30 AM	1:00 PM	0	0.00 / ...	0	0.00	0.00	0.00		On	False

Select: All Long Short Enable Selected Disable Selected Enable Adv Exits Disable Adv Exits Run Statistics... Delete Selected

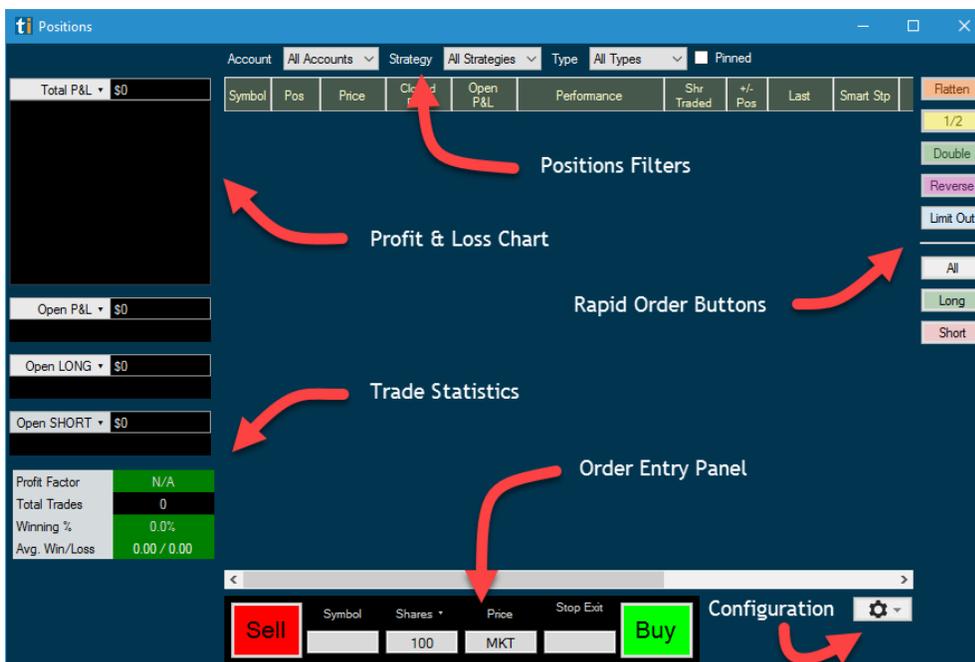
Symbol	Price (\$)	Chg Close (\$)	Chg Close (%)	Vol Today (Shr)	Rel Vol	Company Name
ZSAN	3.18	0.33	11.6	28,418,950	86.71	ZOSANA PHARMA CORP
MYSZ	4.29	-2.12	-33.1	3,281,265	70.46	MY SIZE
PSIX	3.33	0.30	9.9	2,922,862	46.07	POWER SOLUTIONS
CFMS	3.45	0.10	2.9	3,435,770	30.33	NEURALSTEM
CUR	27.36	1.87	7.3	27,361,877	29.54	SUPERCONDUCTOR TECHNOLOGIES INC
SCON	413.72	26.32	6.4	413,724	26.32	KBS FASHION GROUP LTD COMMON
KBSF	1,800.10	24.97	1.4	1,800,108	24.97	BUILD-A-BEAR WORKSHOP
BBW	1,779.08	21.33	1.2	1,779,080	21.33	RADA ELECTRONICS
RADA	2,021.87	21.03	1.0	2,021,872	21.03	BENITEC BIOPHARMA LTD AMERICAN DEPOSITARY SHARE
BNTC	11,475.70	20.38	0.2	11,475,705	20.38	MOLINA HEALTH CARE
MOH	824.47	18.92	2.3	824,471	18.92	FUNCTION
FNCX	2,312.97	18.29	0.8	2,312,978	18.29	ALTISOURCE PORTFOLIO
ASPS	4,694.44	15.95	0.3	4,694,444	15.95	SYNTEL
SYNT	4,163.45	14.16	0.3	4,163,455	14.16	BLACKHAWK NETWORK HOLDINGS CL A
HAW	3,249.82	13.67	0.4	3,249,820	13.67	PHH
PHH	2,736.07	13.67	0.5	2,736,073	13.67	iShares EDGE MSCI ALL COUNTRY WORLD
ACVV						

Positions Tab / Grid

The Positions view has two options; Tab and Grid. The Positions Tab is contained in the main B+ window while the Positions Grid is a free-floating window. The window pinning option is located on the Window menu item for main B+ window and is located on the Position Filters row of the Grid windows.



POSITIONS TAB



POSTIONS GRID

Configuration

Select which panels to make visible

Filtering

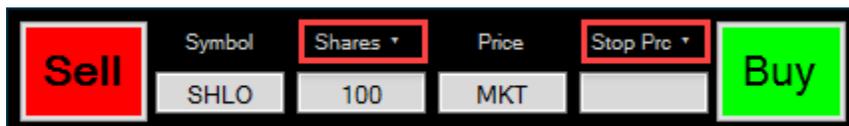
- Accounts - Select which account(s) to view
- Strategy - Filters the view based on the Strategy(ies) used to enter trade
- Type - Filter the view based on Open, Closed, Long or Short

P & L Chart

Display graphic analysis of portfolio profitability from start of connection. Additional execution statistics are available such as Profit Factor (sum total of winning trades over losing traders), Total Trades, Winning % and Average Win / Loss

Order Entry Panel

The order entry panel allows you send specific order details to the market.



Sell	Symbol	Shares ▾	Price	Stop Prc ▾	Buy
	SHLO	100	MKT		

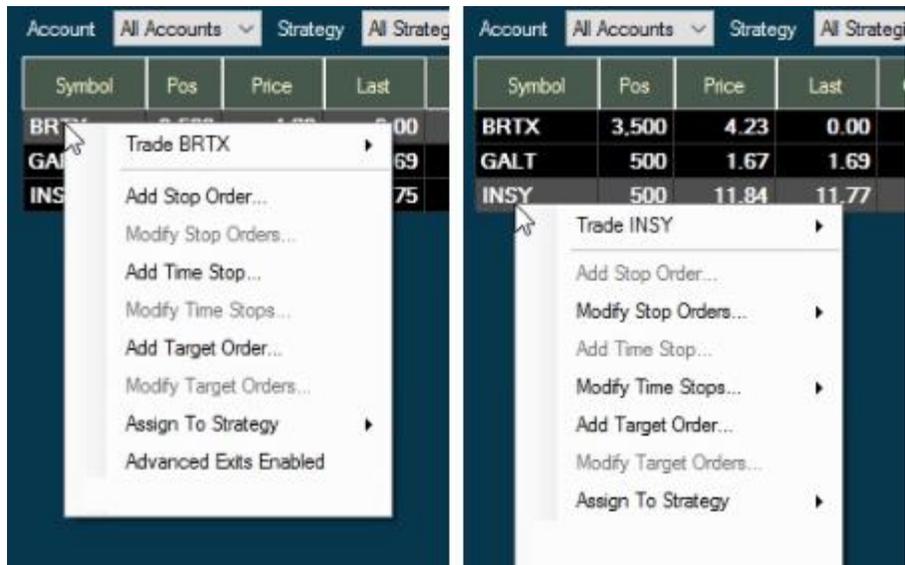
To change between Shares and Dollars per trade, click on the Shares text above the shares field. Clicking this heading will toggle between Shares and Dollars per trade. By clicking in the shares field, you will be presented with default options from which you can select. Alternatively, you can simply type in your desired share count. Selecting the price field will present limit choices based on the current price of the stock. You can also type in the desired price. The Stop Price field allows you to set a stop price at the same time as your initial order. Pressing the Sell or Buy button will initiate the order.

Rapid Order Buttons

Use the rapid order buttons to execute one or more orders very quickly.

Right-click menu on Positions

Use the context sensitive right-click menu to bring up various execution options.



- Trade *this* provides quick trade options based on the strategies present on your Strategies tab/grid. Each trade will have the time-stop that was assigned to the strategy.
- Add Stop Order... will be selectable if the position that is right-clicked on does NOT have a current stop order active. This will allow you to add a Stop Order.
- Modify Stop Orders... can be chosen if there is currently a stop order placed for the position that is selected.
- Add Time Stop... allows you to place a time-based stop on a position that does not currently have a time stop in place.
- Modify Time Stops... Use this option to change a currently set time stop.
- Add Target Order... sets a profit target for the position. When achieved, the position will automatically close.
- Modify Target Orders... will change a profit target that has already been set.
- Assign to Strategy allows a position that was not initiated by a strategy to be tagged with a specific strategy for filter purposes.
- Advanced Exits Enabled will turn on the Profit Save and Reduce Risk algorithms.

Orders Tab / Grid

The Orders view with filter and sorting.

Time	Updated	Symbol	Side	Quantity	Filled / Shr	Filled Shr	Filled Price	Type	Lmt Price	Stp Price	Strategy Name	Status	Ref Id
10:04	10:04	OCUL	Sell	0	100/0	100	9.88	Market			Discretionary Short	Filled	566
9:54:00	9:54:02	CGIX	Sell	500	0/0	0	0.00	Market	0.00	0.00		Queued	565
9:54:00	9:54:02	MRNS	Sell	500	0/0	0	0.00	Stop	0.00	1.21		Queued	558
9:54:00	9:54:02	MRNS	Sell	500	0/0	0	0.00	Market	0.00	0.00		Queued	559
9:54:00	9:54:02	XTLB	Sell	500	0/0	0	0.00	Market	0.00	0.00		Queued	562
9:54:00	9:54:02	XTLB	Sell	500	0/0	0	0.00	Stop	0.00	3.11		Queued	561
9:53:59	9:54:02	CGIX	Sell	500	0/0	0	0.00	Stop	0.00	2.25		Queued	564

Messages Tab / Grid

API messages sorted by Time Stamp.

Time Stamp	Broker	Source	Message
2/16/2017 11:50:33 AM		Position...	Position item changed: MGNX, positionrowdatas: 13, containsthisposition: True
2/16/2017 11:50:33 AM		Position...	Position item changed: MGNX, positionrowdatas: 13, containsthisposition: True
2/16/2017 11:50:33 AM	Broker...	IBClient	[GetStrategyIfPossible] Got null strategy for MGNX
2/16/2017 11:50:33 AM	Broker...	IBClient	Received updatePortfolio event: symbol=MGNX, positionAmount=0, marketPrice=20.9...
2/16/2017 11:50:33 AM		N/A	[onPositionUpdated] position=SSY, shares=0, stratfound=
2/16/2017 11:50:33 AM		Position...	Position item changed: SSY, positionrowdatas: 13, containsthisposition: True
2/16/2017 11:50:33 AM		Position...	Position item changed: SSY, positionrowdatas: 13, containsthisposition: True
2/16/2017 11:50:33 AM	Broker...	IBClient	[GetStrategyIfPossible] Got null strategy for SSY

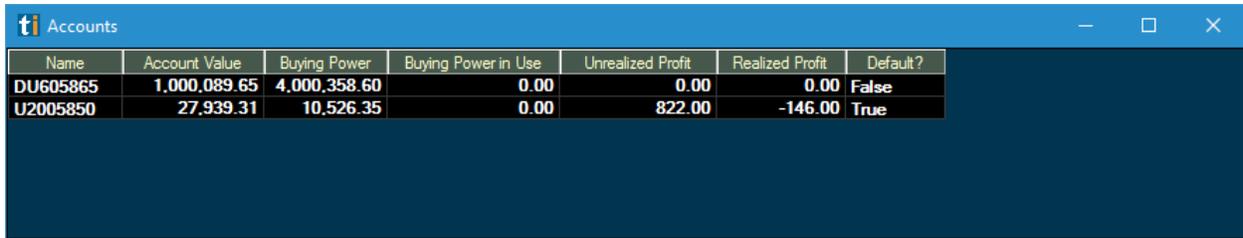
Executions Tab / Grid

A view of B+ executions.

OrderId	Symbol	Strategy	Price	Shares	Direction	Fill Time	Account
566	OCUL	Discretionary Short	9.88	100	Sell	10:04	U2005850 (Interactive Brokers)

Accounts Tab / Grid

The accounts tab displays account related information. It also allows you to select the default account to be used. Select the row of the desired account, right click and choose mark as default.



The screenshot shows a window titled "Accounts" with a table containing two rows of account data. The table has seven columns: Name, Account Value, Buying Power, Buying Power in Use, Unrealized Profit, Realized Profit, and Default?. The first row, DU605865, has an Account Value of 1,000,089.65, Buying Power of 4,000,358.60, and is not the default. The second row, U2005850, has an Account Value of 27,939.31, Buying Power of 10,526.35, and is marked as the default.

Name	Account Value	Buying Power	Buying Power in Use	Unrealized Profit	Realized Profit	Default?
DU605865	1,000,089.65	4,000,358.60	0.00	0.00	0.00	False
U2005850	27,939.31	10,526.35	0.00	822.00	-146.00	True