



analyze. trade. evolve.

MotiveWave™
What's New in Version 6.4

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Table of Contents

1	Introduction	2
2	Study Quick Editor & Tool Bar Study Editor	3
2.1	Study Quick Editor	3
2.2	Tool Bar.....	3
2.3	Tool Bar Study Editor.....	4
2.4	SDK.....	5
3	Depth of Market Price Scaling.....	6
4	LTQ (Last Traded Quantity) DOM Column	7
5	Level II (Market Depth)	8
5.1	Interactive Brokers	8
5.2	TD Ameritrade	8
6	Trading Hours.....	9
6.1	Hours	9
6.2	Edit Built-In Hours	9
6.3	Multiple Exchanges	10
6.4	Intraday Bar	10
7	Intraday Bar Build.....	11
8	Simulated Trades Only	12
9	Chart Indicators.....	13
9.1	Chart Specific Settings	13
9.2	Average Entry Price	13
9.3	Tags.....	14
10	Time Axis	15
10.1	Chart Specific Settings	15
10.2	Line Color	15
10.3	Time of Day	16
11	Watch List Notes	17
12	Volume Imprint Offset	18
13	Other Enhancements	19

1 Introduction

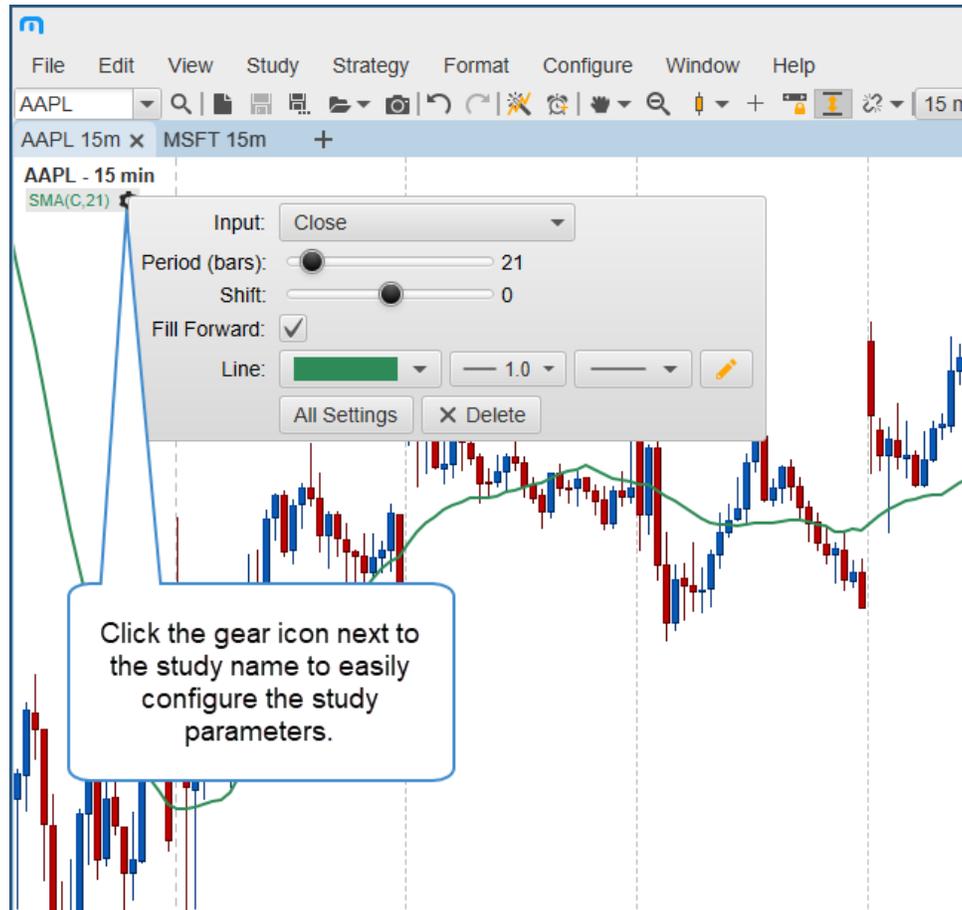
Welcome to MotiveWave™ version 6.4! This document will outline the features that have been added between version 6.3 and version 6.4.

2 Study Quick Editor & Tool Bar Study Editor

Study controls can now be added to the tool bar and are also accessible from a new study quick editor.

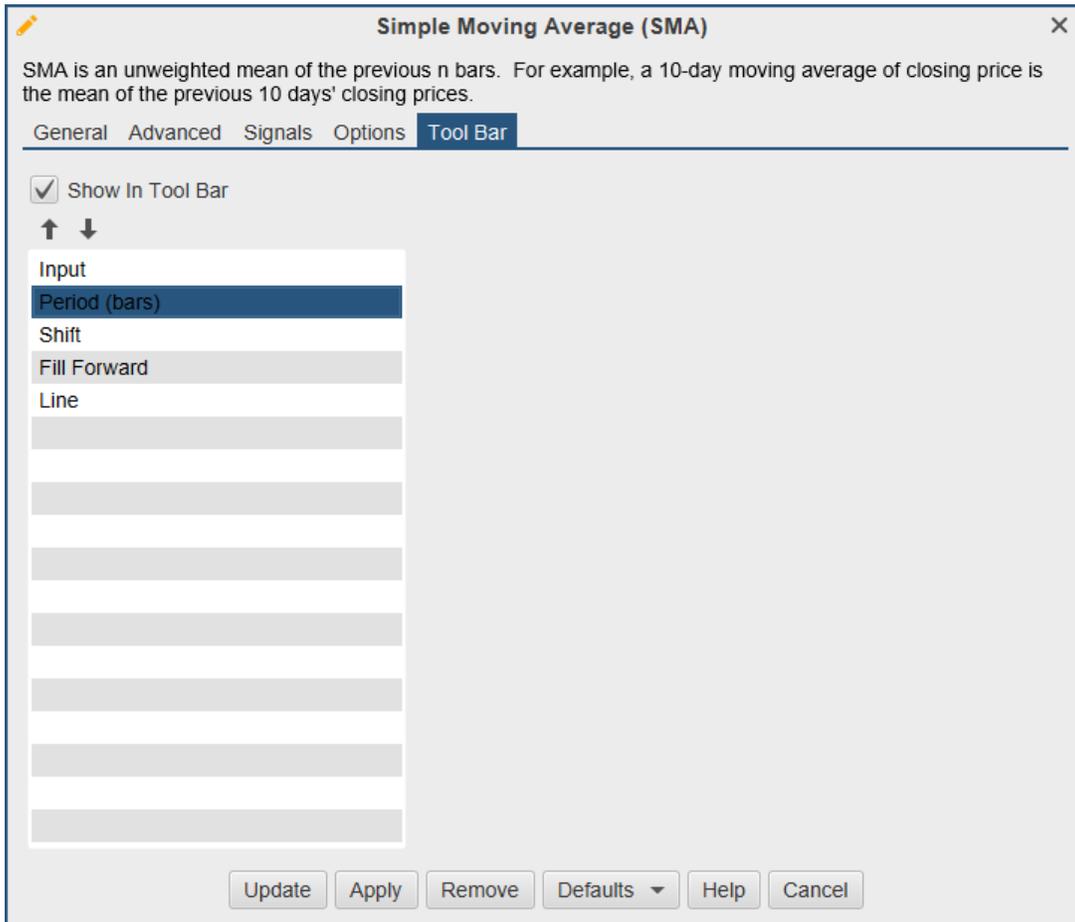
2.1 Study Quick Editor

Buttons have been added to the study titles to show a quick editor that contains some of the study controls.



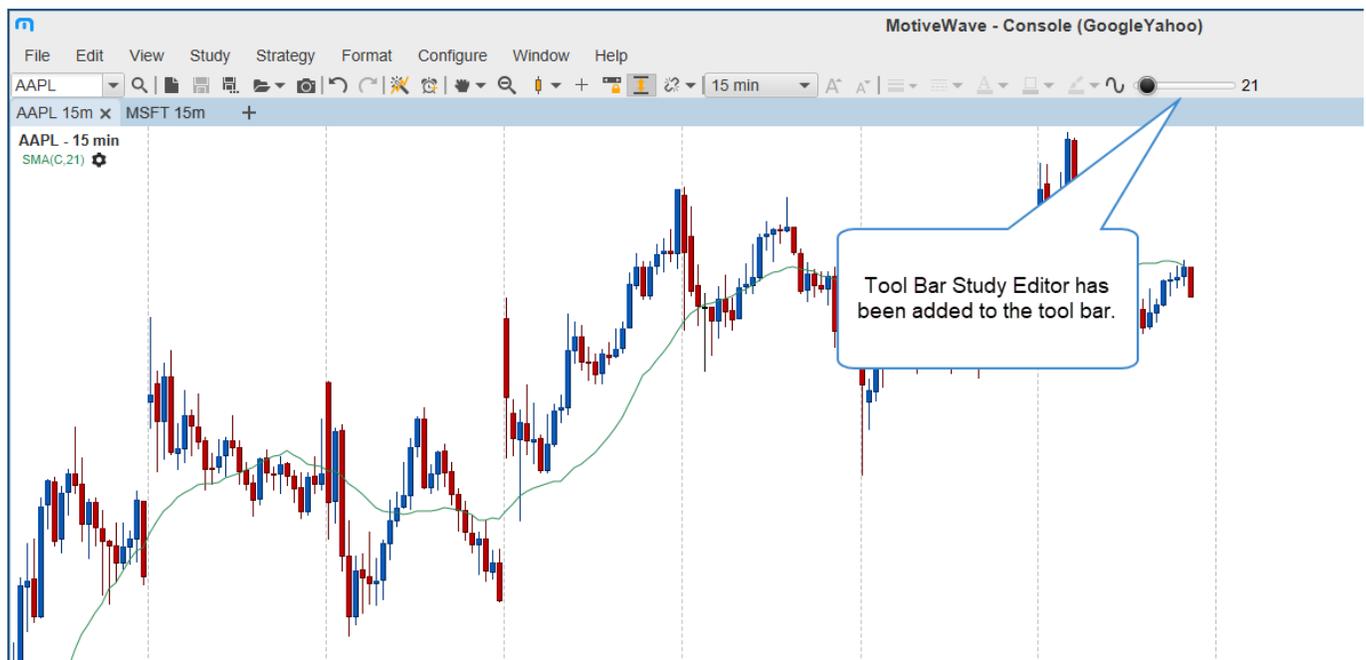
2.2 Tool Bar

A Tool Bar tab has been added to the study dialog to choose controls that are displayed in the tool bar. To enable this option, select Show In Tool Bar and then select the desired controls. Hold down CTRL or COMMAND on your keyboard to select multiple options.

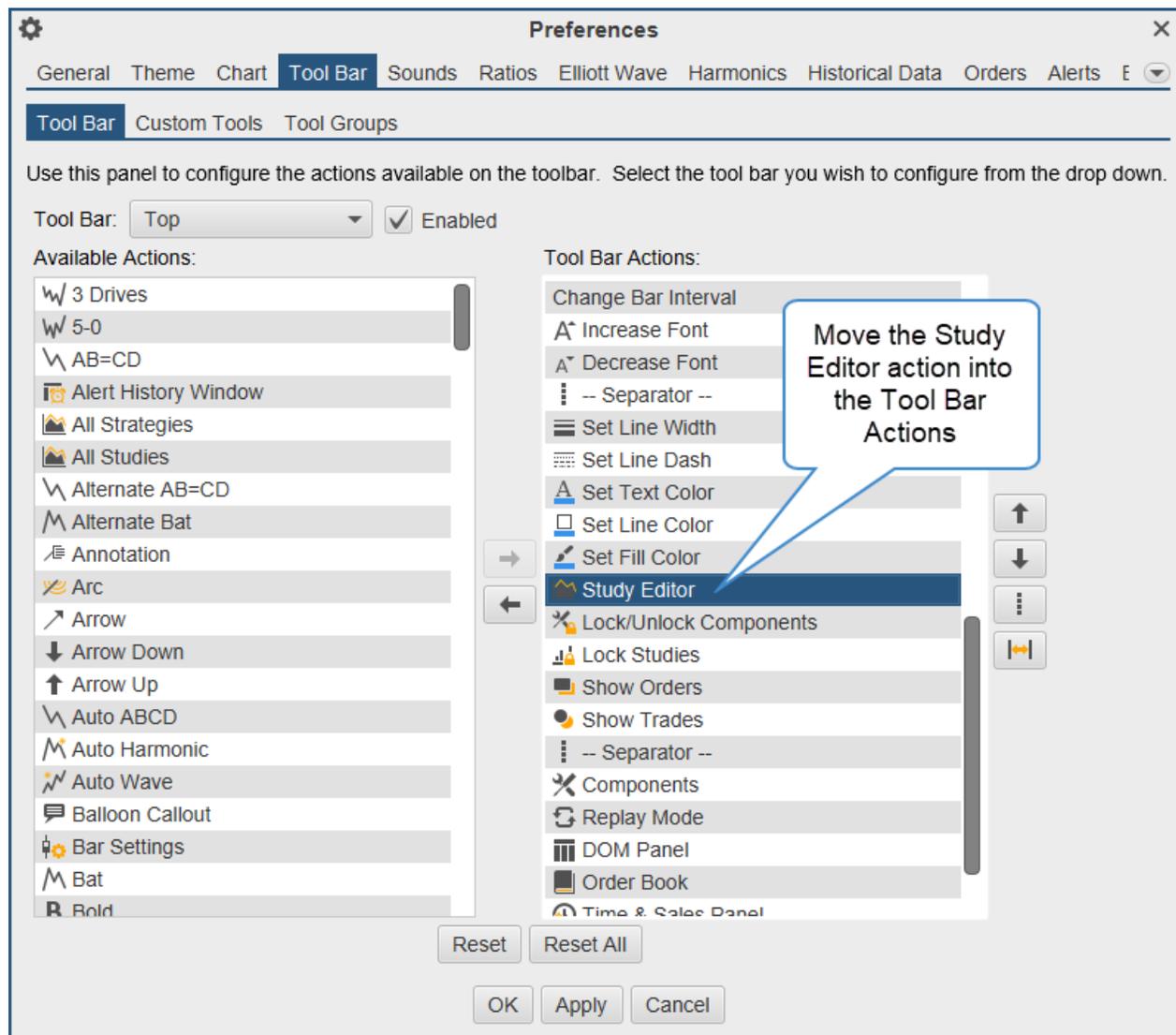


2.3 Tool Bar Study Editor

A study editor action is available to add to the tool bar. This is used in conjunction with the Tool Bar option above and will display the selected controls.



For existing workspaces, you may need to add the Study Editor action to your existing tool bar. This can be found in Configure > Preferences > Tool Bar, select your desired tool bar and then move the Study Editor action into the tool bar actions.

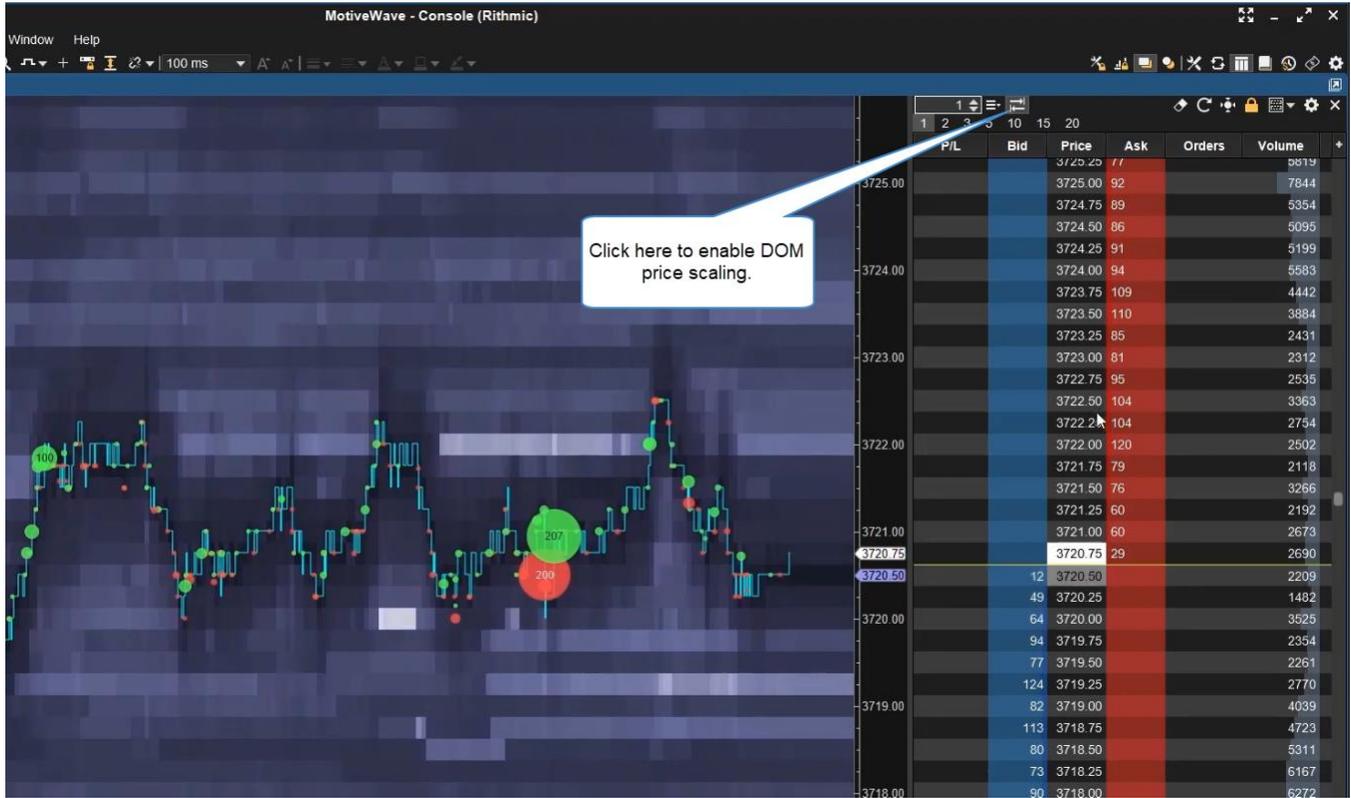


2.4 SDK

The SDK has been enhanced to identify specific settings that are available to the Quick Editor and Tool Bar. For details see the updated SDK Document: <https://www.motivewave.com/support/sdk.htm>

3 Depth of Market Price Scaling

The scaling of the chart can now be synced to the attached DOM (Depth of Market). A new button has been added to the tool bar in the DOM to toggle this chart scaling method on/off.



4 LTQ (Last Traded Quantity) DOM Column

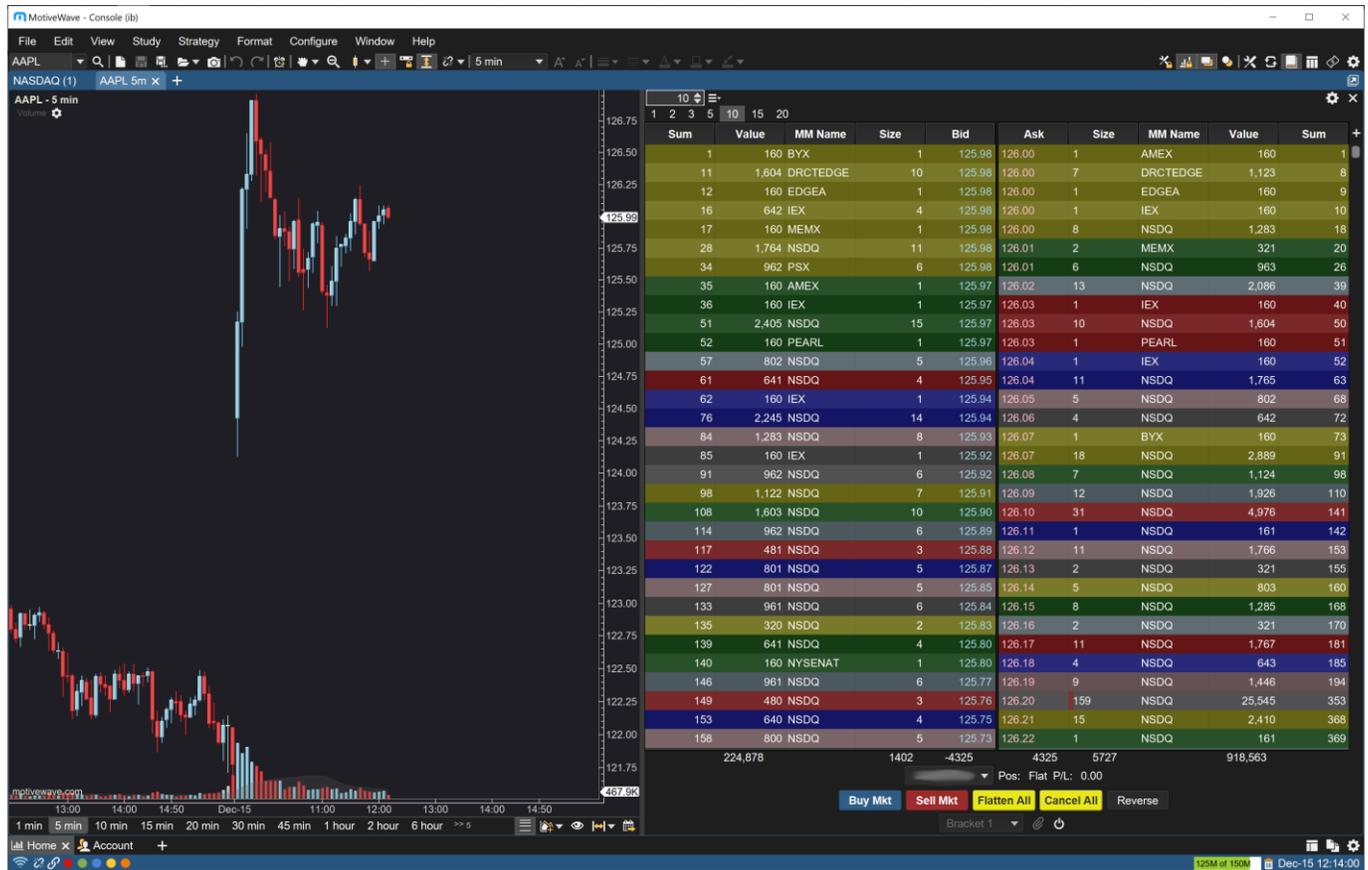
A new DOM column was added which shows the cumulative total of contracts traded since a trade was completed at another price. This column resets each time a trade occurs at a different price.

P/L	Price	Bid	Ask	LTQ	Orders	Volume	
	3713.50		83			7789	
	3713.25		82			9154	
	3713.00		83			9597	
	3712.75		93			8580	
	3712.50		67			6667	
	3712.25		83			7416	
	3712.00		57			8980	
	3711.75		51			8504	
	3711.50		19			8026	
	3711.25	71		34		7848	
	3711.00	20				8316	
	3710.75	27				8432	
						9521	
						9012	
						11379	
						10129	
						10995	
						10058	
	3709.25	75				9425	
	3709.00	84				8261	
	3708.75	77				7593	
	3708.50	90				7310	
	3708.25	77				7429	
	3708.00	92				8609	
	3707.75	78				8593	
	3707.50	104				8606	
	3707.25	61				8694	
	3707.00	185				8624	
	3706.75	59				8663	
	3706.50	63				7573	
	3706.25	57					

5 Level II (Market Depth)

5.1 Interactive Brokers

Interactive Brokers Smart Depth (Level II) was added. Open the order book to view.



5.2 TD Ameritrade

TD Ameritrade Order Book has an added option to expand the rows by Market Maker and optionally color rows at the same price.

6 Trading Hours

The following enhancements have been added to the Trading Hours feature (See Configure > Preferences > General > Trading Hours).

6.1 Hours

The interface for specifying trading hours has been simplified to provide the same daily hours across multiple days (e.g. Monday – Friday, Sunday – Saturday etc.)

Trading Hours

General **Hours** Intraday Bars

Choose the time zone and trading hours below. Up to 2 sessions may be defined by selecting the **Extended hours** checkbox. An extended trading session starts on the previous day.

Time Zone: **Select Time Zone**

Days: Extended **Select Trading Days**

Regular: - -

Extended: - -

Set RTH and ETH times.

6.2 Edit Built-In Hours

The built-in hours can now be modified instead of creating a new set of trading hours. You can revert to the default hours by selecting the modified hours in the list and pressing the Delete key.

Preferences

General **Theme** Chart Tool Bar Sounds Ratios Elliott Wave Harmonics Historical Data Orders Alerts E

General Keyboard Mouse Fonts Quick Search Ticker Tape Linking Dock **Trading Hours** Simulated Accot

This panel allows you to configure custom trading hours for historical data retrieved from your data provider. Click on the '+' button to define a new set of trading hours. To assign trading hours to an instrument, edit the instrument and choose the appropriate trading hours from the **Trading Hours** drop down.

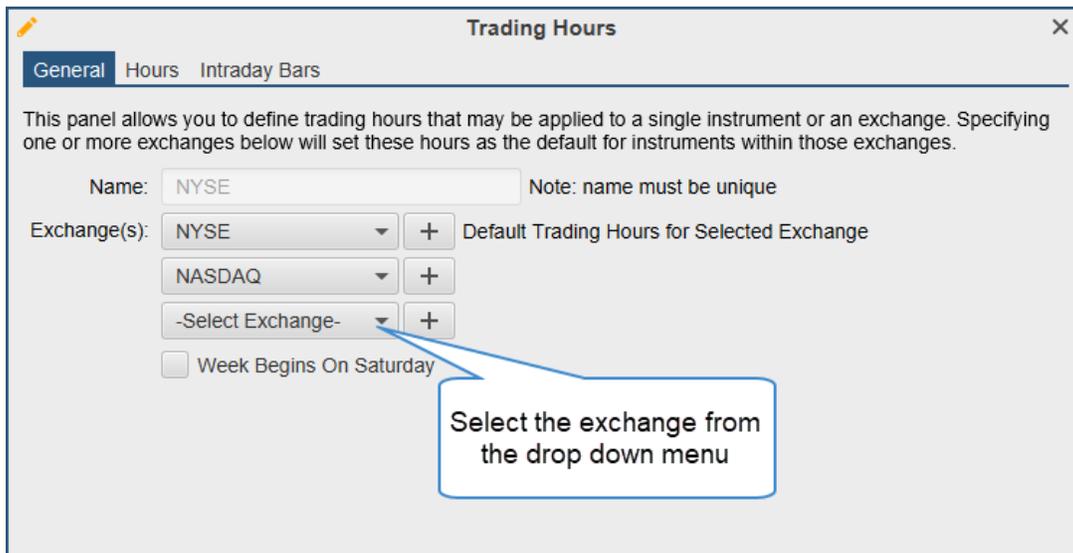
+ **Click here to edit the default hours**

N:	Built In	+
Nasdaq	true	
NYSE	true	
TSX	true	
OTC	true	
CHX	true	
Xetra	true	
ASX	true	
NSE	true	

Select the default trading hours

6.3 Multiple Exchanges

You can now assign trading hours to multiple exchanges.



Trading Hours

General Hours Intraday Bars

This panel allows you to define trading hours that may be applied to a single instrument or an exchange. Specifying one or more exchanges below will set these hours as the default for instruments within those exchanges.

Name: NYSE Note: name must be unique

Exchange(s): NYSE + Default Trading Hours for Selected Exchange

NASDAQ +

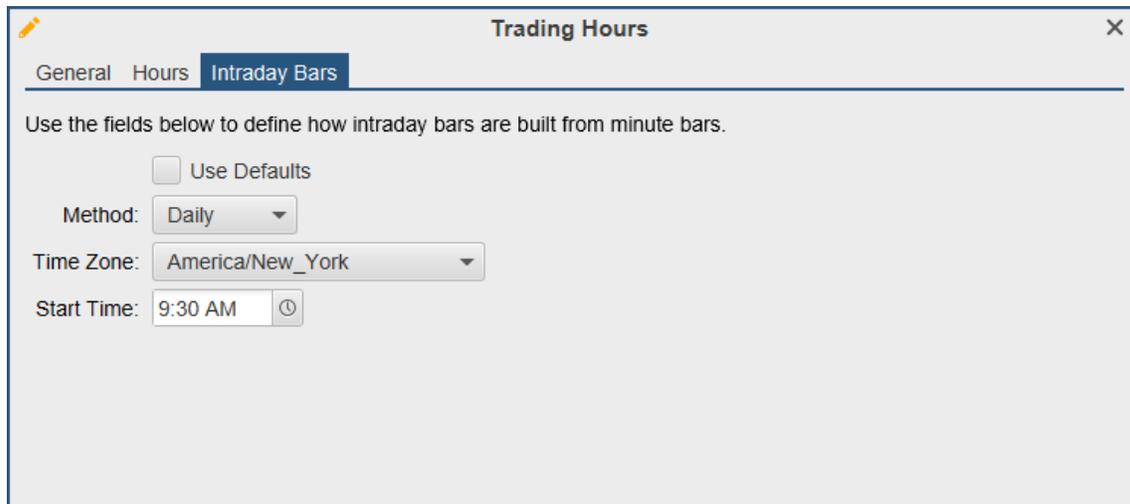
-Select Exchange- +

Week Begins On Saturday

Select the exchange from the drop down menu

6.4 Intraday Bar

You can specify a bar build method for intraday bars (overriding the global default). This bar build method will be applied to all the instruments on that exchange.



Trading Hours

General Hours Intraday Bars

Use the fields below to define how intraday bars are built from minute bars.

Use Defaults

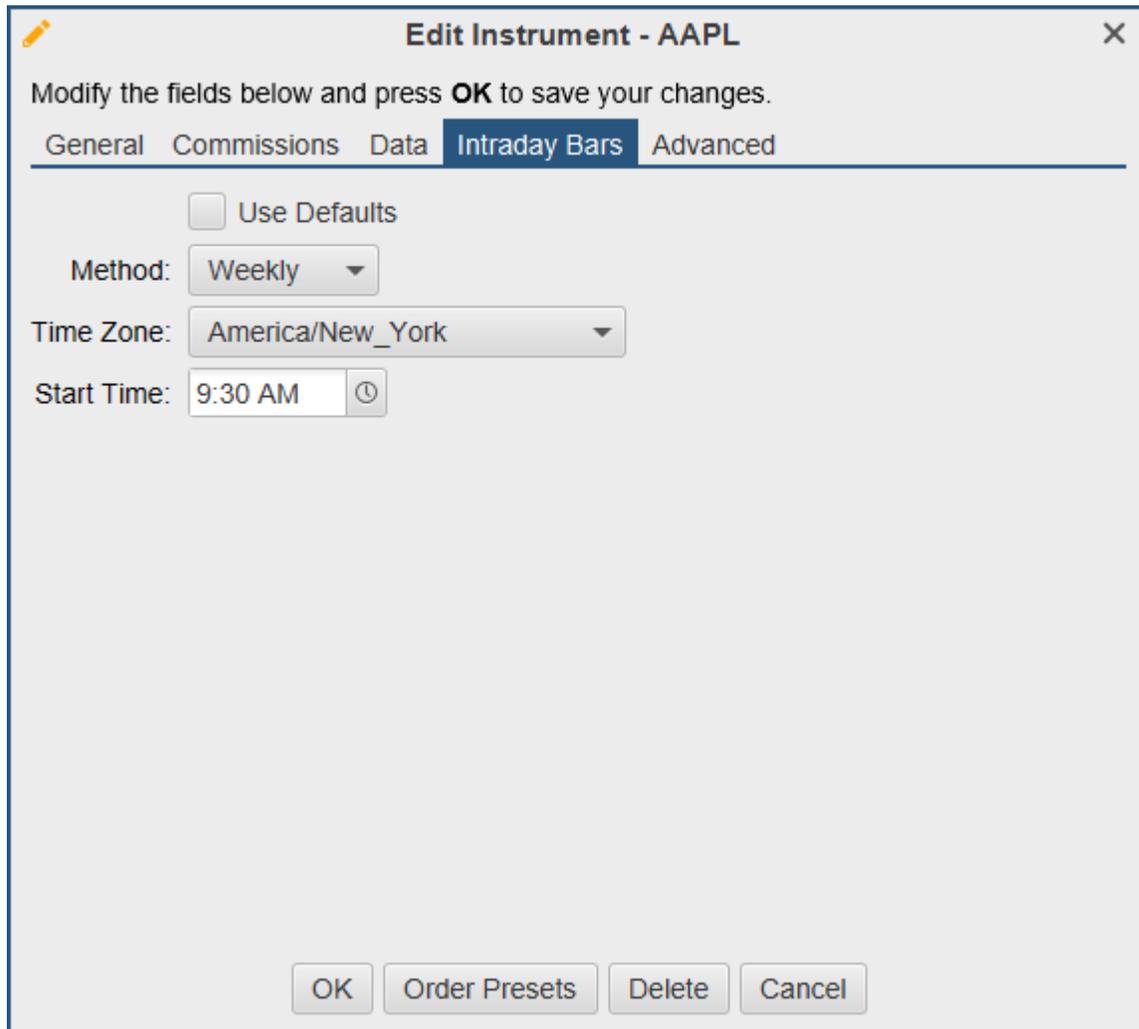
Method: Daily

Time Zone: America/New_York

Start Time: 9:30 AM

7 Intraday Bar Build

The method for configuring how intraday bars is built can now be configured per instrument via the Edit Instrument dialog. This allows for greater flexibility.



Edit Instrument - AAPL [Close]

Modify the fields below and press **OK** to save your changes.

General Commissions Data **Intraday Bars** Advanced

Use Defaults

Method: Weekly ▾

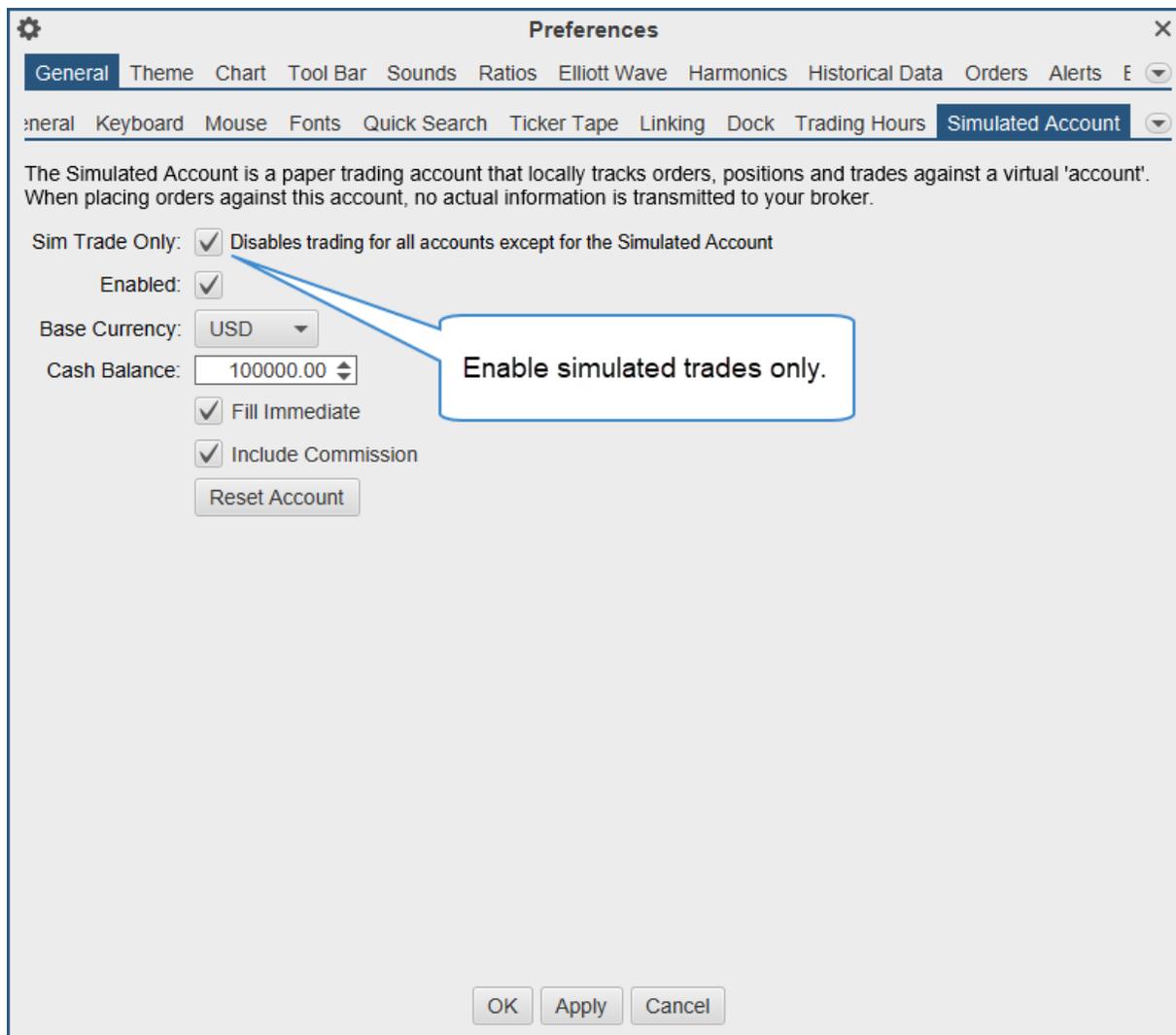
Time Zone: America/New_York ▾

Start Time: 9:30 AM [Clock]

OK Order Presets Delete Cancel

8 Simulated Trades Only

An option has been added to the built-in simulated account to only allow trading on the internal simulated account (Configure > Preferences > General > Simulated Account). This option is very useful if you're using your brokerage account for data while you place simulated trades.

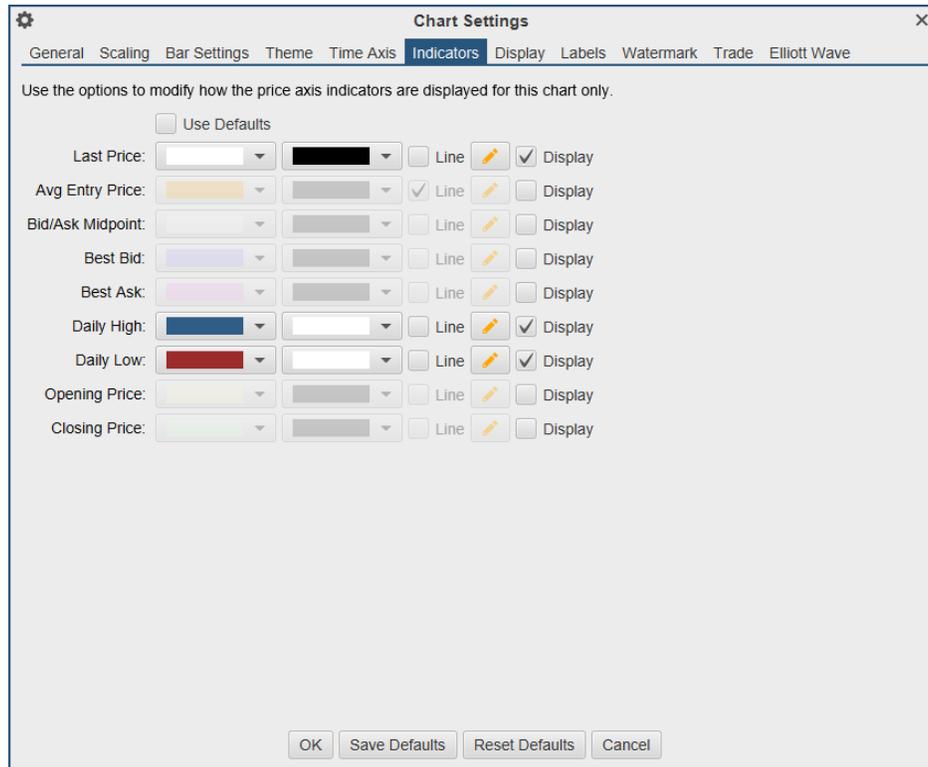


9 Chart Indicators

The following enhancements have been added to the Chart Indicators.

9.1 Chart Specific Settings

Charts can override the global setting from the Chart Settings dialog.



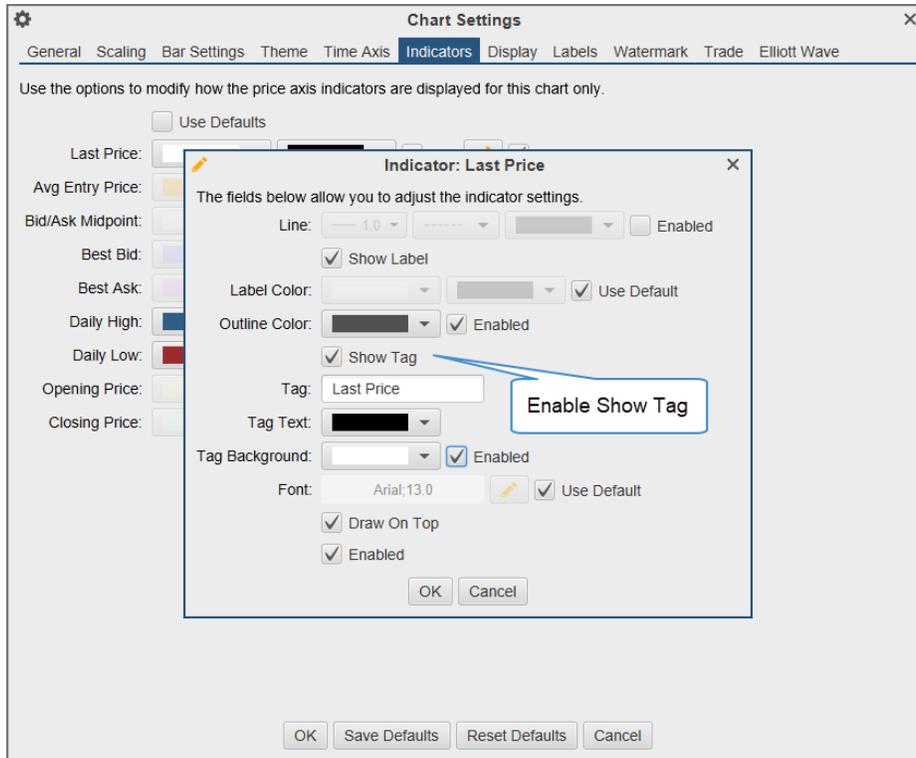
9.2 Average Entry Price

This new indicator displays the average entry price for the current position as an indicator.



9.3 Tags

Optionally a tag may be assigned to an indicator. This tag displays the given text to the left of the indicator.

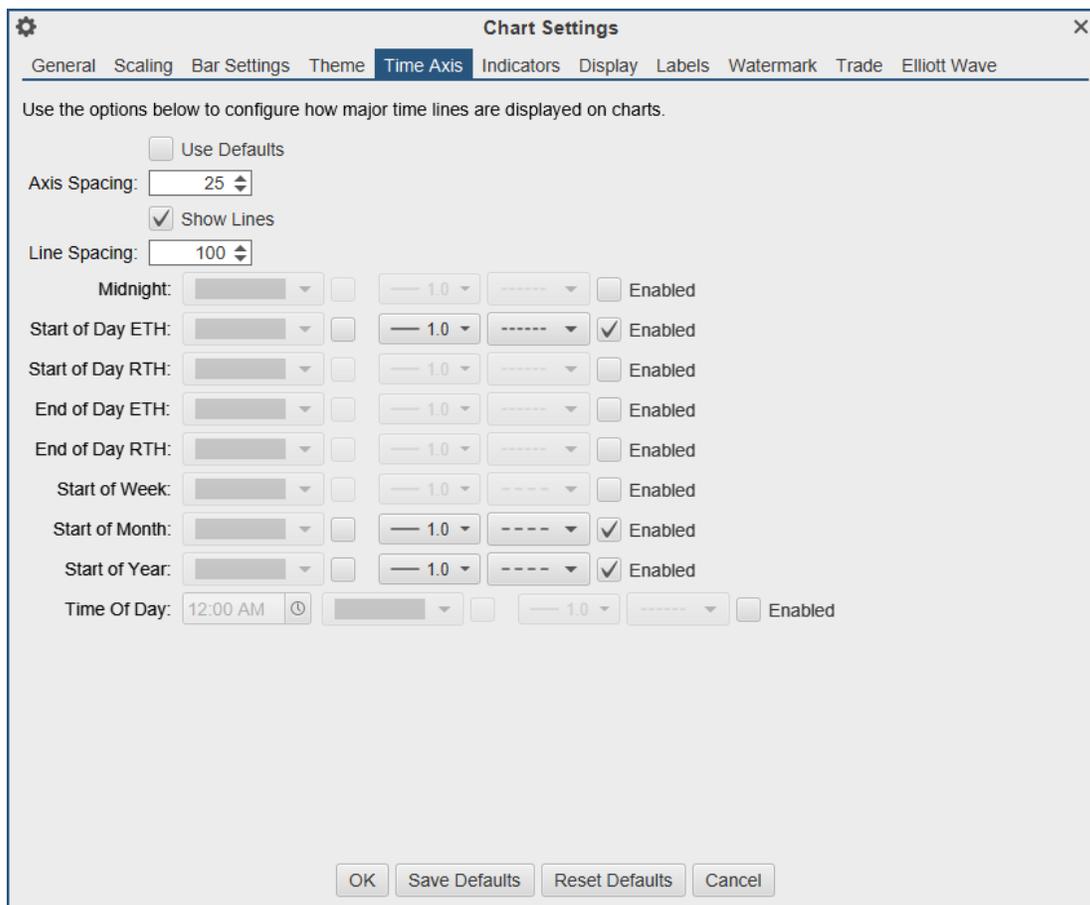


10 Time Axis

The following enhancements have been added to the Time Axis.

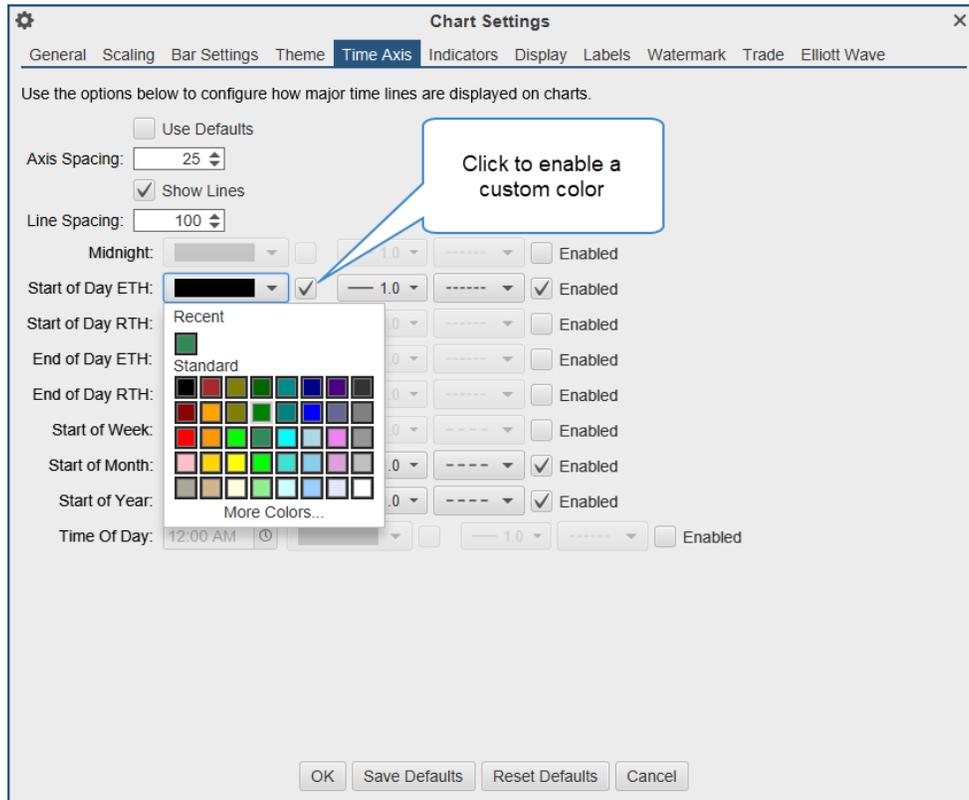
10.1 Chart Specific Settings

Charts can override the global settings from the Chart Settings dialog.



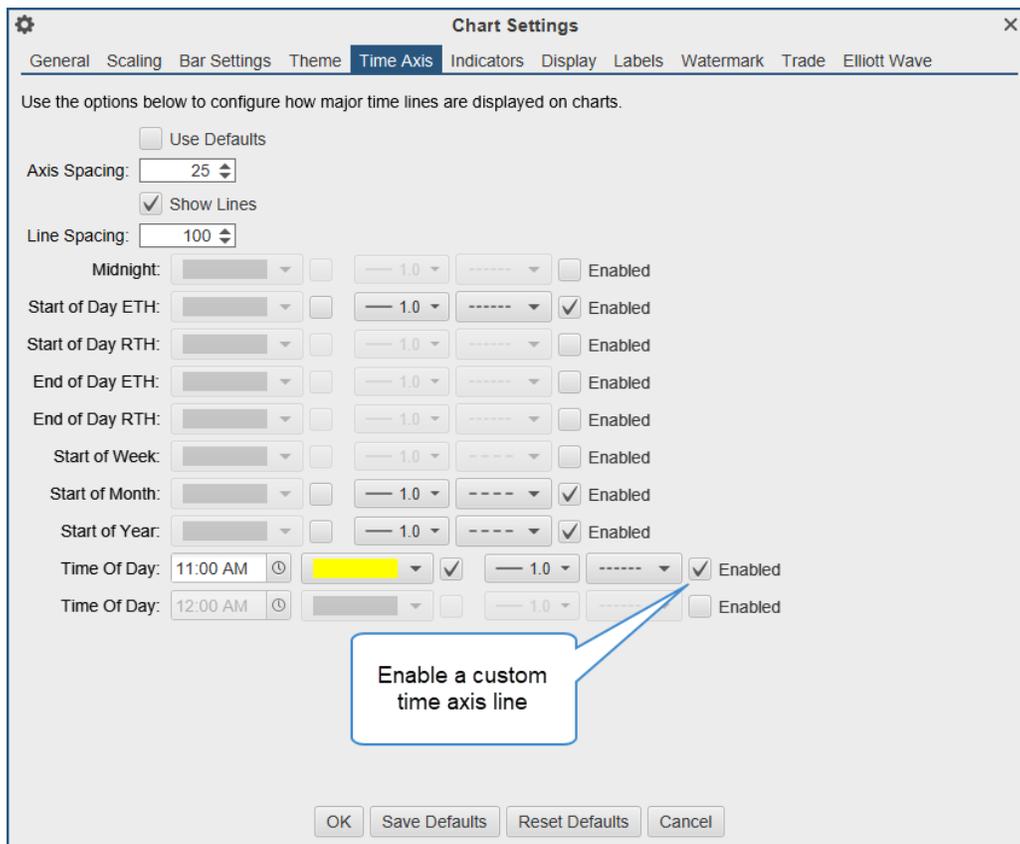
10.2 Line Color

A color can now be chosen for each time axis line that is enabled. Click the checkbox to the right of the color drop down to enable a specific color.



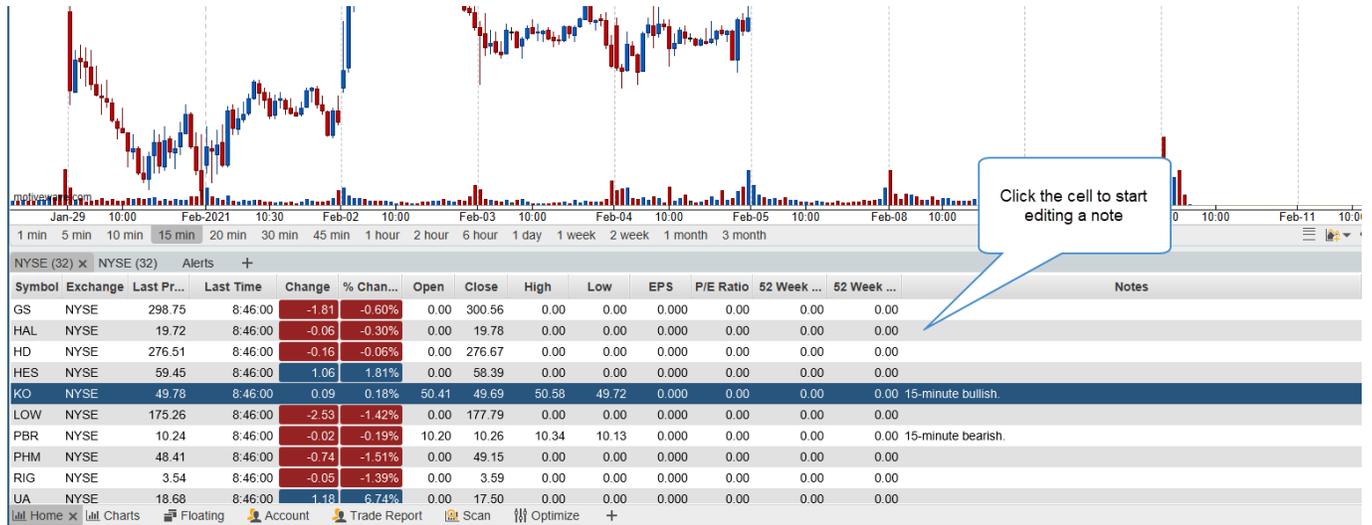
10.3 Time of Day

Custom lines can be displayed at specific times of day (E.g. 11:00am).



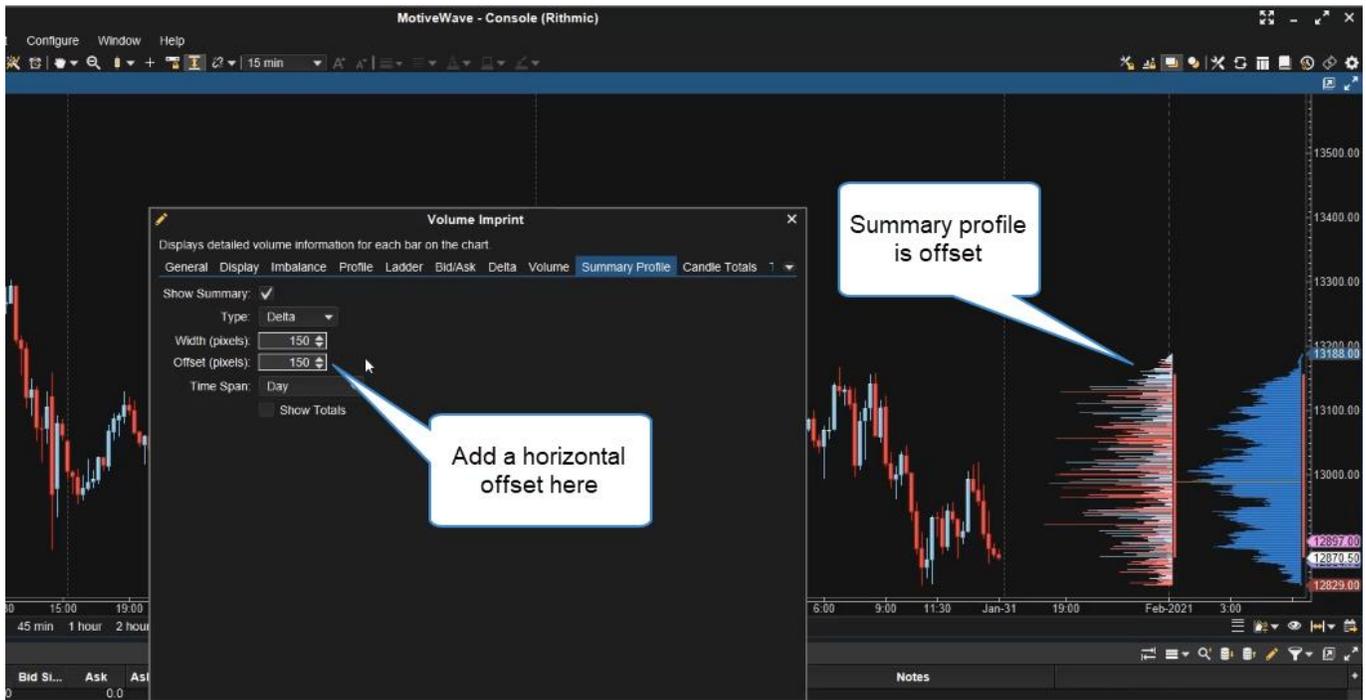
11 Watch List Notes

A “Notes” column has been added to Watch Lists where you can enter custom notes. Clicking on the cell in the Watch List will allow you to edit the value in line. The notes are tied to the instrument and can also be edited and viewed in the Edit Instrument dialog.



12 Volume Imprint Offset

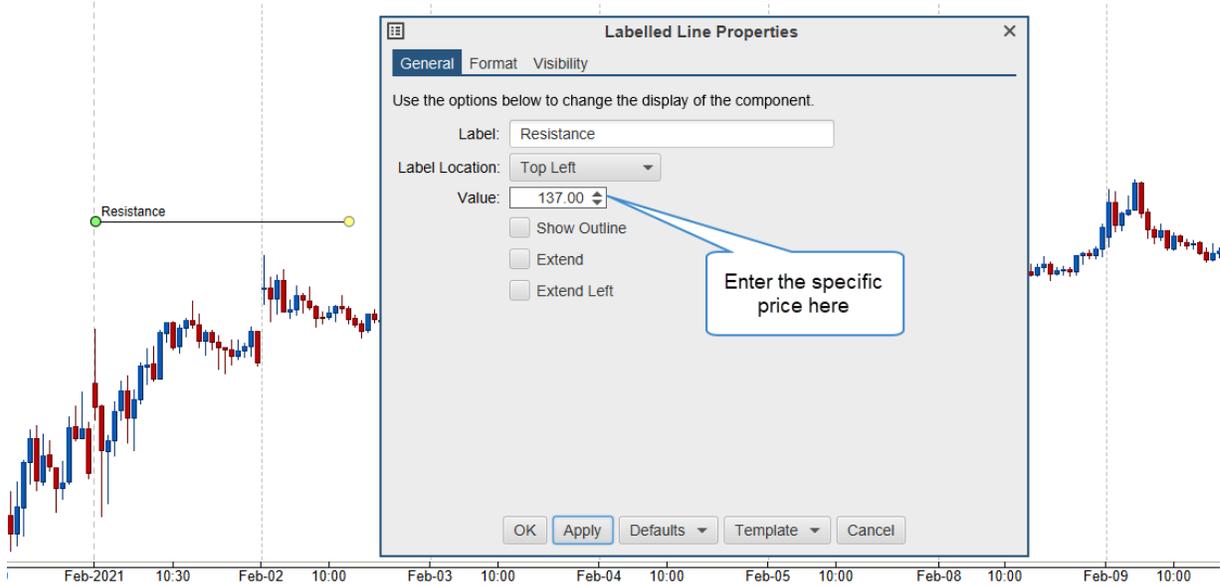
A horizontal offset can be added to the Summary Profile, this will allow you to display two profiles without overlap.



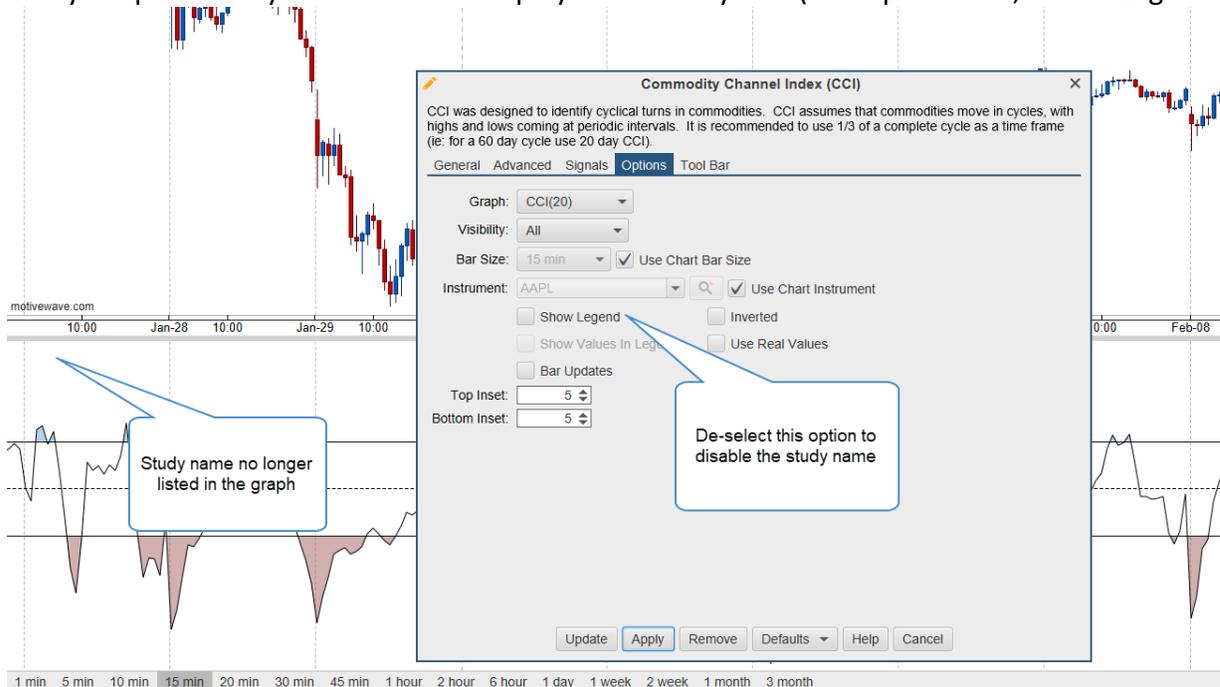
13 Other Enhancements

Here are the other enhancements that have been added between version 6.3 and 6.4.

- Export Trades – Exported trades now includes milliseconds.
- Alerts – Comments are now displayed in the alerts and alert history panels.
- OHLC study – Added Previous Open as an available option.
- Labelled Line – Price can be chosen in the properties dialog.

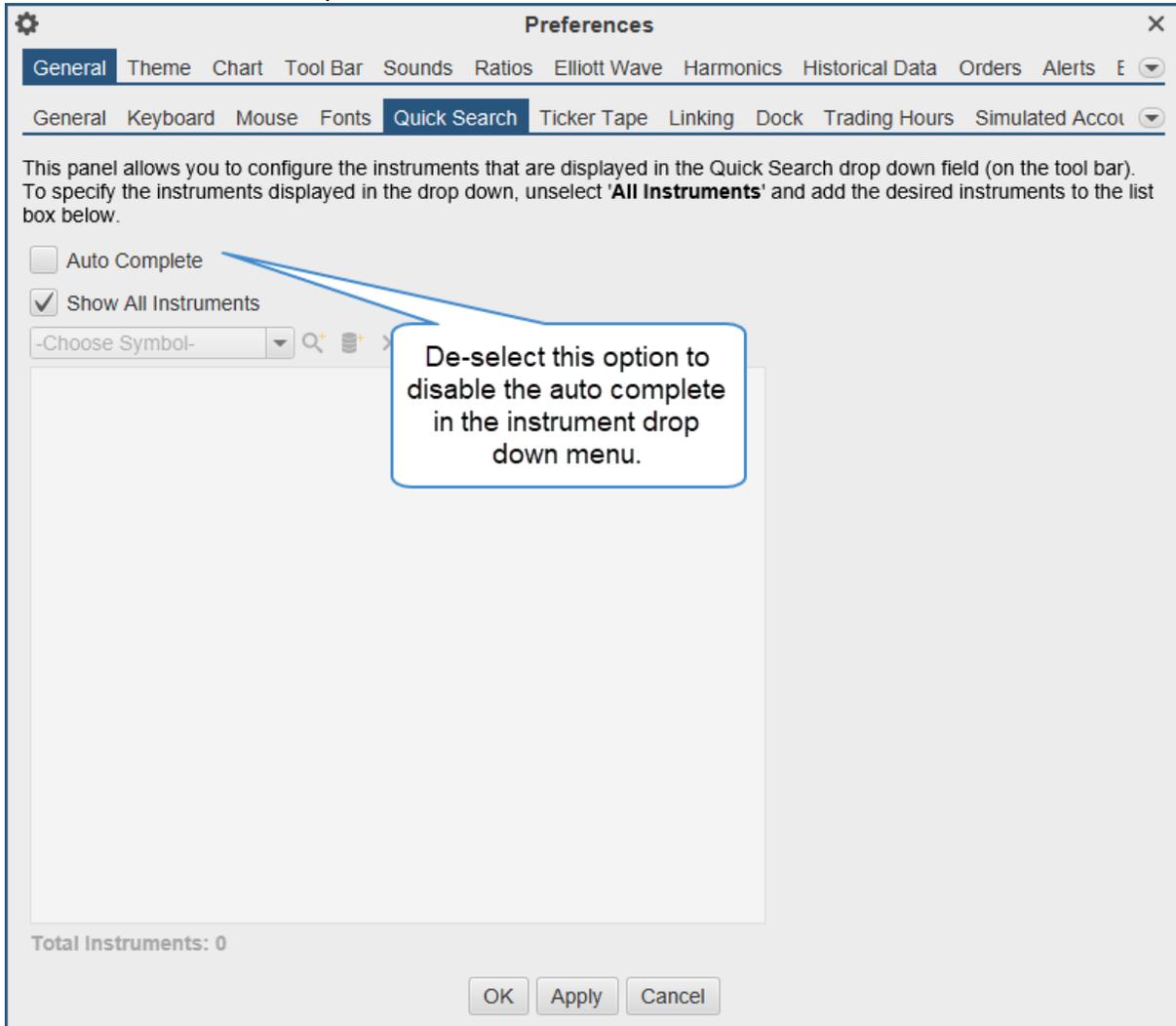


- Study Graph – Ability to remove the display of the study title (See Options tab, “Show Legend”).

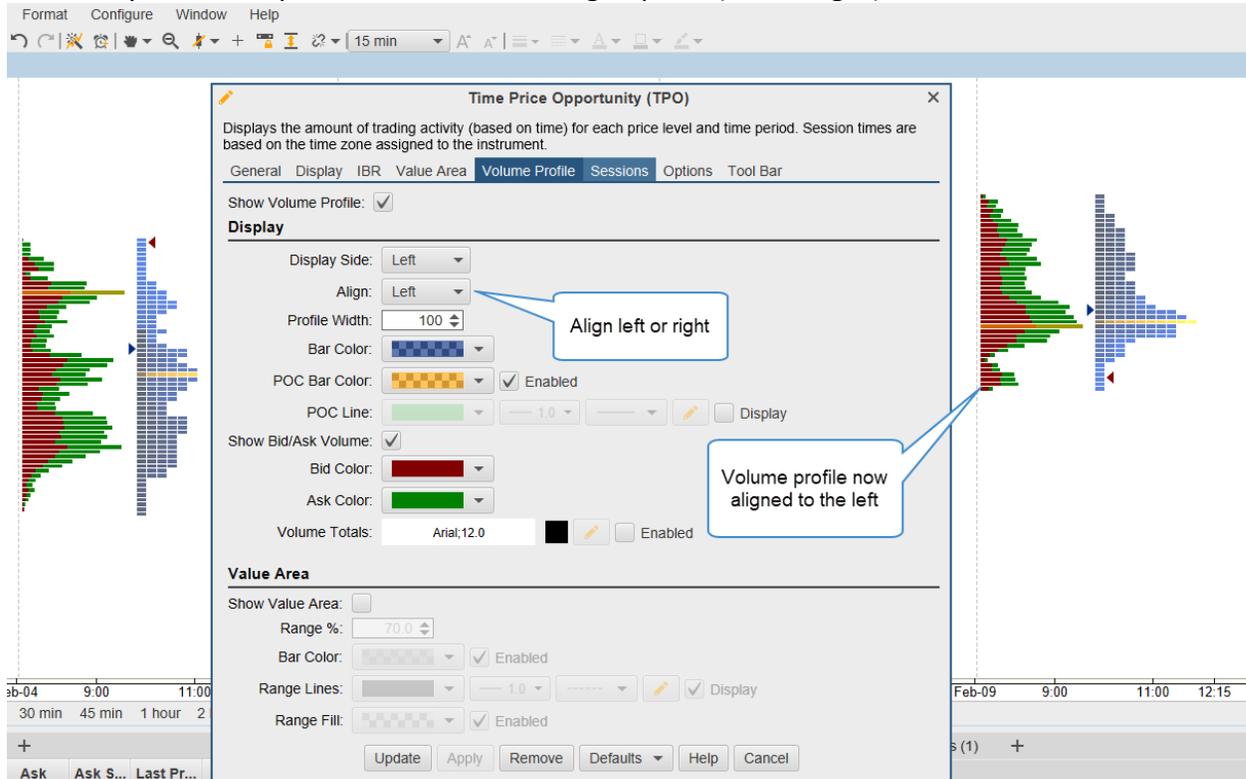


- Exit Strategy – Added decimal places for stop/target where the offset type is set to “Percent”.

g) Quick Search – Auto Complete feature can now be turned off.



h) TPO Study – Volume profiles now have an align option (left or right).



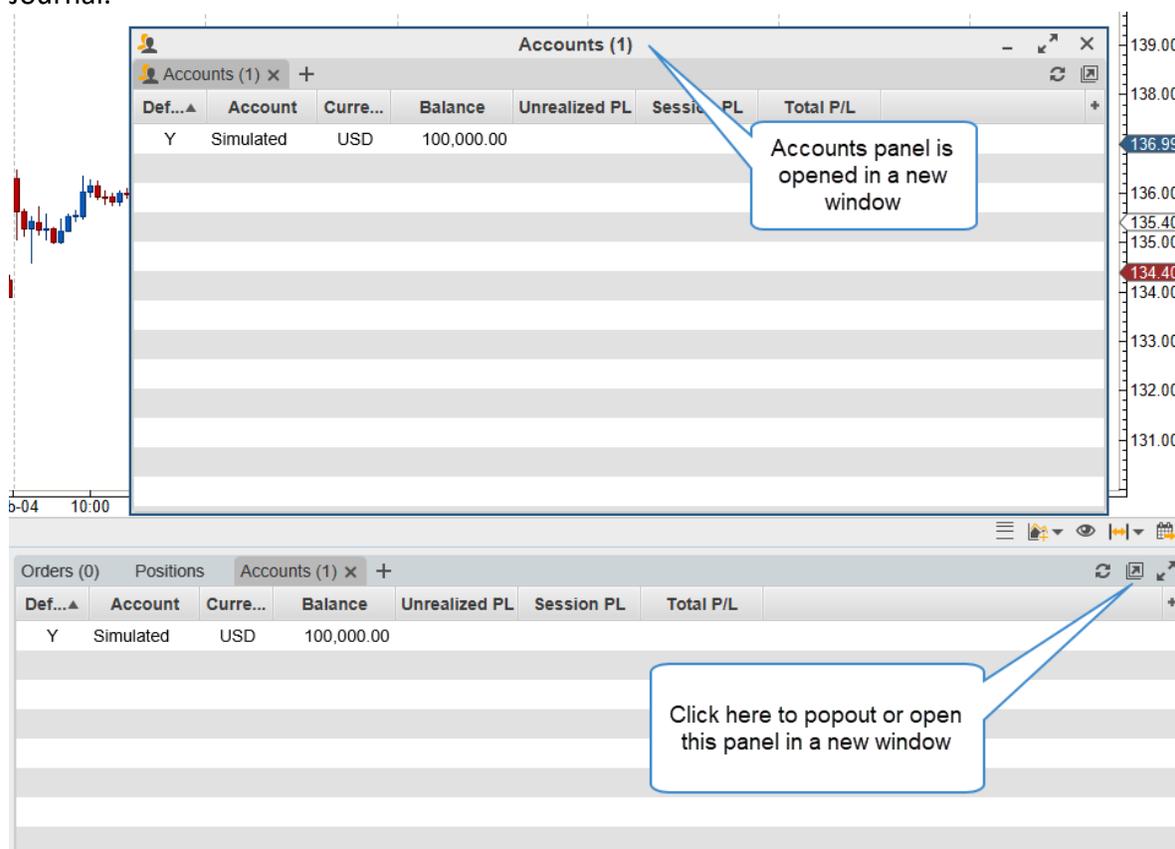
The screenshot shows the MotiveWave software interface with the Time Price Opportunity (TPO) dialog box open. The dialog box is titled "Time Price Opportunity (TPO)" and contains several tabs: General, Display, IBR, Value Area, Volume Profile, Sessions, Options, and Tool Bar. The "Volume Profile" tab is selected. The dialog box displays the following settings:

- Show Volume Profile:
- Display:
 - Display Side: Left
 - Align: Left
 - Profile Width: 100
 - Bar Color: [Color Selection]
 - POC Bar Color: [Color Selection] Enabled
 - POC Line: [Color Selection] 1.0 [Color Selection] Display
- Show Bid/Ask Volume:
 - Bid Color: [Color Selection]
 - Ask Color: [Color Selection]
- Volume Totals: Arial; 12.0 Enabled

Two callout boxes highlight the "Align" dropdown and the "Show Bid/Ask Volume" section. The first callout box points to the "Align" dropdown and contains the text "Align left or right". The second callout box points to the "Show Bid/Ask Volume" section and contains the text "Volume profile now aligned to the left".

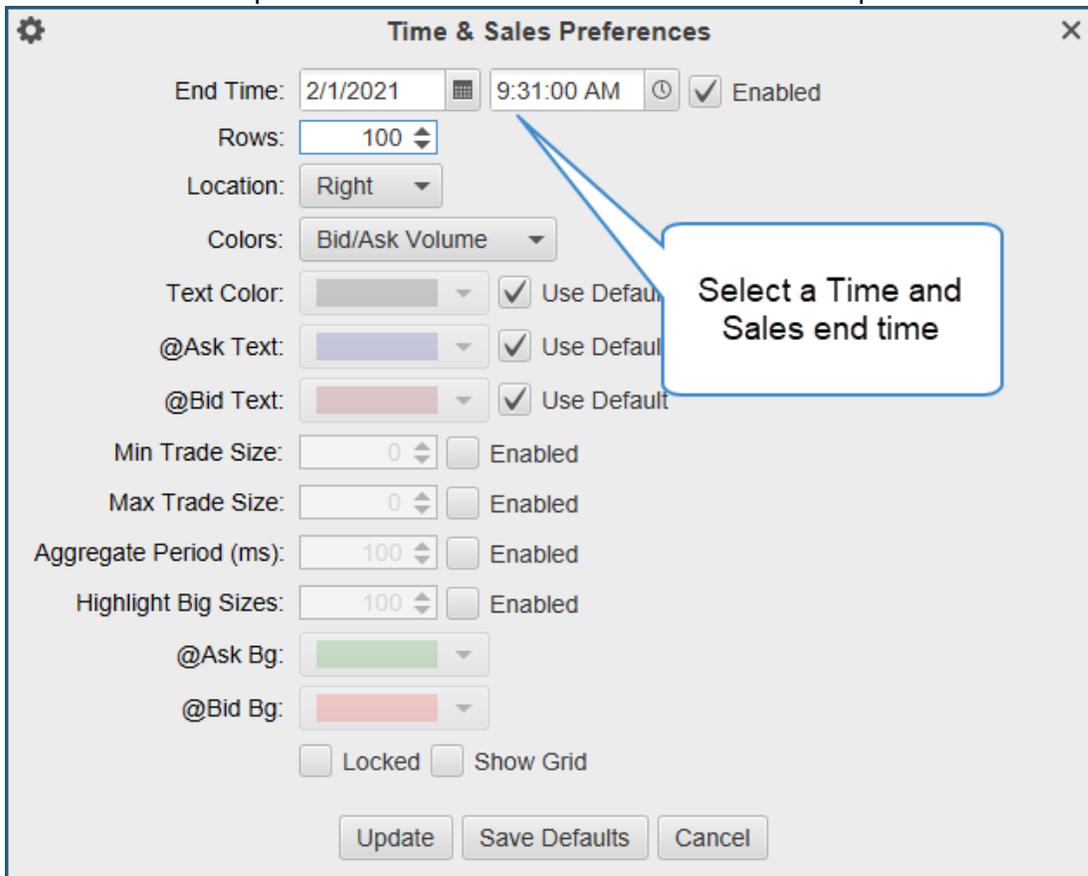
- i) Mid Point – Added midpoint column to Watch Lists. This is the midpoint between the bid and ask prices.
- j) Default Layout – The default layout has changed when creating a new workspace.

- k) Popout Panels – A popout (open in new window) option has been added to more panels in the console: Accounts, Positions, Orders, Trades, Optimizer, Alerts, Trade Report, Options, and Journal.



- l) Time Calculation Method – Added an option to calculate elapsed time in a component using elapsed time versus trading time. This option is available in Configure > Preferences > Chart > Chart Settings.

- m) Time and Sales – Added an optional end time field. This allows you to scroll to a specific time in the Time and sales panel. This can be found in the Time and Sales preferences.



Time & Sales Preferences

End Time: 2/1/2021 9:31:00 AM Enabled

Rows: 100

Location: Right

Colors: Bid/Ask Volume

Text Color: Use Default

@Ask Text: Use Default

@Bid Text: Use Default

Min Trade Size: 0 Enabled

Max Trade Size: 0 Enabled

Aggregate Period (ms): 100 Enabled

Highlight Big Sizes: 100 Enabled

@Ask Bg: Locked Show Grid

@Bid Bg: Locked Show Grid

Update Save Defaults Cancel

Select a Time and Sales end time

- n) CQG – Updated to the latest API.
- o) Cumulative Delta study – Added the ability to restart the delta calculation at the start of the week or month.
- p) Trade History – Added the option to choose account on the Export to CSV feature.
- q) DOM Shortcuts – Added the ability to assign keyboard shortcuts to the following: Reset @Bid/@Ask, Lock DOM, and Clear Notes.