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MotiveWave™ What's New in Version 6.1

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1 Introduction

Welcome to MotiveWave[™] version 6.1! This document will outline the features that have been added between version 6.0 and version 6.1.

2 Floating Stations

A new layout has been added to the docking framework to manage floating stations (instead of using the split layout).

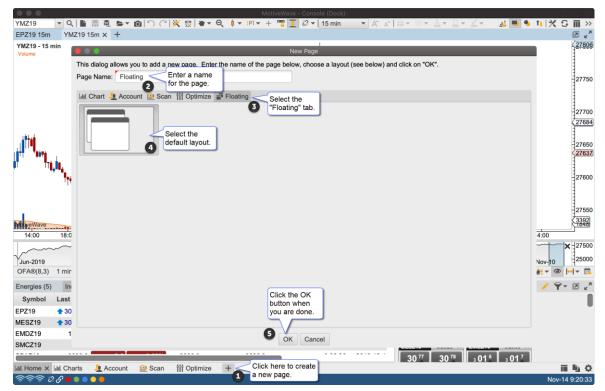
For more details please see the Docking Framework guide: <u>https://www.motivewave.com/guides/MotiveWave_Docking_Framework.pdf</u>

2.1 Floating Stations

Floating stations provide an alternative to split layouts. In contrast, the stations have fixed locations and sizes. The stations may also overlap other stations similar to application windows.

Unlike split layouts, resizing the window (or maximizing it) does not affect the sizes or positions of the stations. Resizing may also cause a station to no longer be visible if its original position lies outside of the new bounds of the visible area.

A floating station layout can be chosen when creating a new page or editing an existing page (see below).



The default layout for floating stations includes two overlapping stations in the top left section of the content area:



2.1.1 Moving Stations

Stations can be moved (positioned) by clicking/dragging the empty section of the tab bar. The stations can be placed anywhere, but must be at least partially visible in the content area.



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2.1.2 Resizing Stations

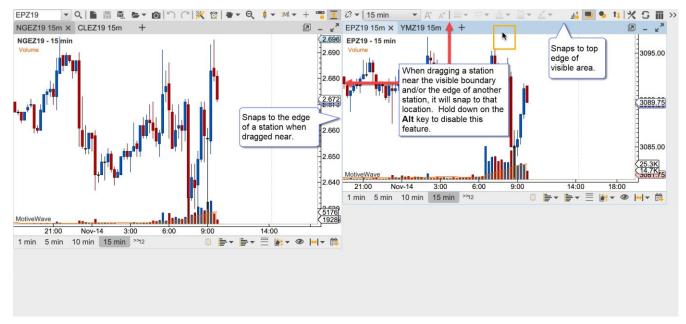
Similar to application windows, stations may be resized by dragging the corners or edges of the stations.



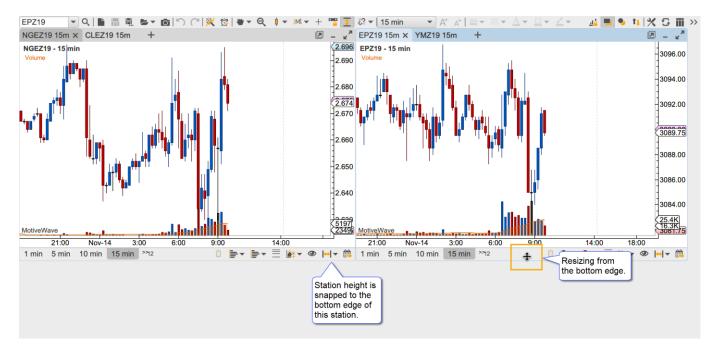
2.1.3 Sticky Edges

For convenience, the edges of the stations and the visible bounds of the content area are "sticky". This effect will cause the station to "snap" to the edge of another station or to the edges/corners of the visible bounds when the station is dragged or resized. The feature makes it easier to layout the stations.

The sticky option can be disabled by holding down on the **Alt** key when dragging or resizing a station.



When resizing an edge of station, it will snap to the edge of a nearby station as well. This can be especially convenient when attempt to make the dimension of the stations the same. In the screen shot below the height of the station is made to match the height of the adjacent station when resizing from the bottom edge.



2.1.4 Resizing Snapped Stations

For convenience resizing the top, bottom or sizes of a station that has been snapped to another station will resize those station(s) as well. This behavior can be turned off by holding down on the Alt key.



2.1.5 Minimizing Stations

Stations can be minimized to clear clutter from the content area. Click on the minimize button in the top right corner of the station to minimize it.



The active tab of the minimized station will appear in the bottom left section of the content area appearing in the order in which they were minimized. Click on a minimized station to restore it to the content area.



2.1.6 Maxmizing Stations

A station may be maximized to occupy the entire viewing area. When a station is maximized its size will change when the window is resized. When the station is restored, its original location and size will be preserved.

The left and right arrow buttons in the top right corner of the maximized station may be used to cycle through the stations in the viewing area.





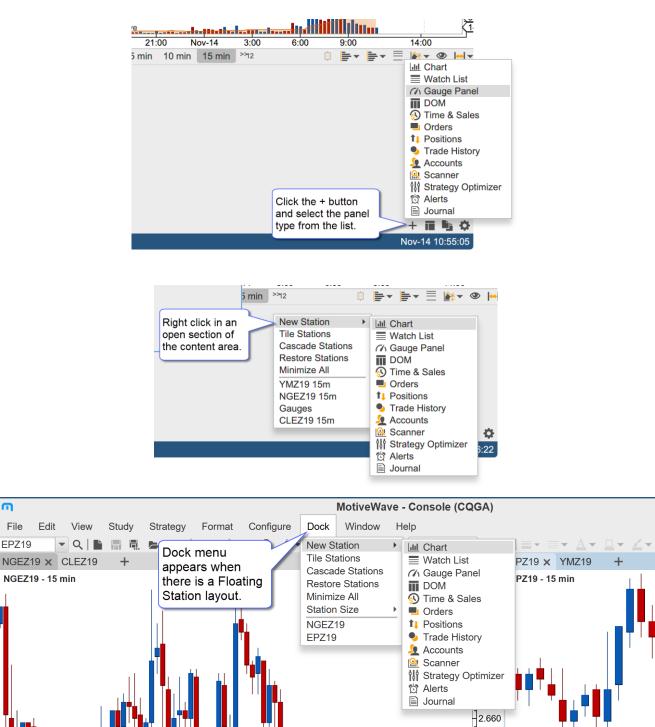
2.1.7 Creating New Stations

There are several ways to create new stations:

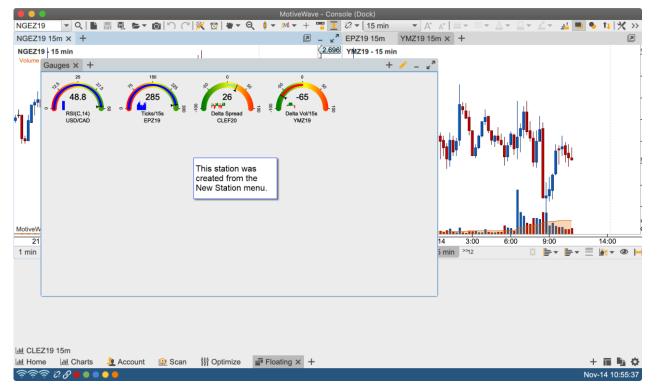
- 1. New Station (+) Button Click on the '+' button on the right side of the page bar
- 2. Context Menu Right click in an open section of the content area
- 3. Top Menu Bar See New Station menu in the Dock section of the top menu bar.
- 4. Dragging Station Tabs Station tabs can be dragged into an open section of the content area.

The following screen shots illustrate the first 3 options for accessing the New Station menu. This menu contains the available panel types similar to the new panel button in the tab bar of a station. Select the desire panel type to create a new station.

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In the screen shot below a new Gauge panel was created resulting in a new station being added to the layout.



Alternatively, a new station may be created by dragging the tab of an existing panel from its station into an empty section of the content area.



When the mouse button is released in an empty section of the content area, a new station is created and the panel from the originating station is remove and added to the new station.



2.1.8 Moving Panels Between Stations

Panels can be moved from one station to another by dragging the tab (left click and drag with the mouse) into the content area of another station.





2.1.9 Closing/Removing Stations

A station is removed when the last panel is removed from the station. This will occur when the last station is either closed or moved into another station.

2.2 Managing Floating Stations

The Dock (top menu bar, only visible from a Floating Station layout) and Context Menus (right click) have several options for managing stations in the floating layout:

- 1. Tile Stations Positions and resizes visible stations into a grid layout
- 2. Cascade Stations Arranges and resizes stations from the top left corner of the visible area
- 3. Restore Stations Restores all stations from the minimized state
- 4. Minimize All Minimizes all visible stations
- 5. Station Size The menu provides preset size (dimension) options
- 6. Station Access All visible and minimized stations may be accessed directly from this menu

2.2.1 Tile Stations

This option will position and size all of the non-minimized stations into a grid format with the last station occupying the remaining space on the bottom row. Choose Dock -> Tile Stations from the top menu bar.





2.2.2 Cascade Stations

Arranges the non-minimized stations from the top left corner of the content area and offsets them by a few pixels so the tab labels are visible.

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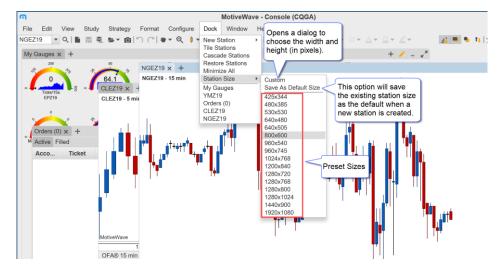




2.2.3 Station Sizes

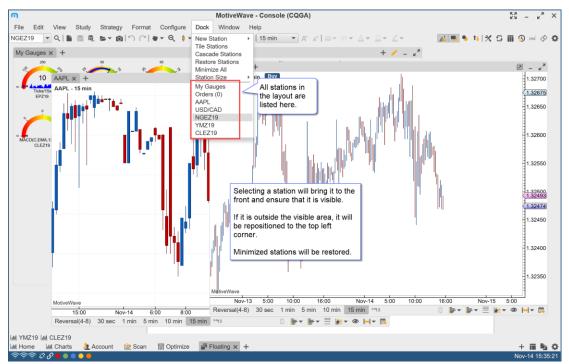
Several preset stations sizes are available under the Station Size sub menu. A custom size can be chosen from a dialog (see Custom Size option). For convenience the active station size can be saved as the default size when new stations are created.

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2.2.4 Station Access

All stations in the layout are listed at the bottom of the Dock menu. This provides a convenient way to location a station that is minimized, hidden behind a set of station or is outside of the visible area.



2.2.5 Grid Background

This option (on by default) shows a grid background on the floating layouts. This grid can help align charts to certain areas or sizes. Configuration options can be found in the Preferences dialog (Configure - > Preferences -> General -> Dock).

Version 6.1



3 Untitled Analyses

By default MotiveWave will now open a new Untitled Analysis when a chart is opened.

For more details please see the Analyses guide: https://www.motivewave.com/guides/MotiveWave Analyses.pdf

3.1 Untitled Analyses

Version 6.1 of MotiveWave[™] introduced the concept of untitled analyses. Untitled analyses are scoped to a chart (i.e. the contents of the chart are not shared between other charts of the same instrument). This is the behavior that you would typically see in other charting software. If your analysis is very simple or mostly based on studies, this is likely the desired behavior. These analyses are persisted with the chart when the workspace is shut down and re-opened, but unless explicitly saved the contents of the chart is closed.

3.1.1 Switching Chart Instrument

When a chart is displaying an untitled analysis, it will maintain a separate untitled analysis for every instrument that is displayed in that chart. Each of these analyses are persisted with the chart when the workspace is shutdown.

For example, open a chart for AAPL and add some drawings and/or studies to the chart. Change the instrument to GOOGL and add some drawings to that graph. If you switch back to AAPL the, drawings/studies that you added will still be there.



In the screen shot below, the instrument for the chart has been changed to GOOGL. Since this is the first time GOOGL has been displayed in the chart, a new untitled (blank) analysis will be created and displayed.

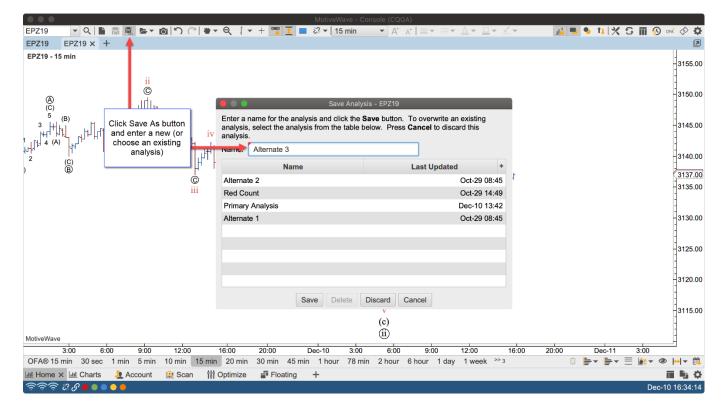


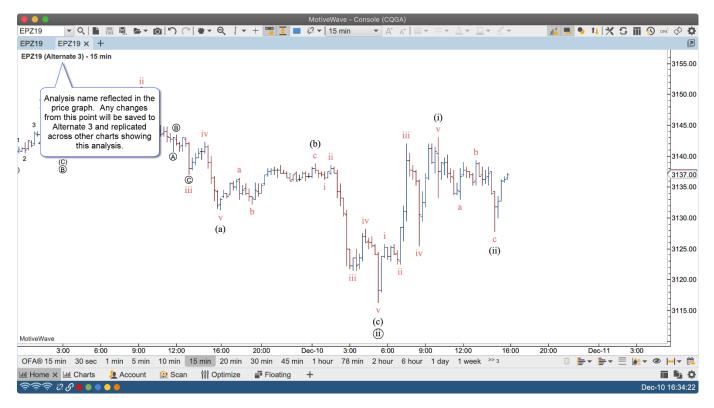
When the instrument for the chart is switched back to APPL, the retained untitled analysis for AAPL will be displayed:



3.1.2 Saving Untitled Analyses

An untitled analysis can be converted into a titled analysis by clicking on the "Save As" button and assigning it a name.





4 Export/Import Pages

This feature allows you to export specific pages from the Console or Desktops. These pages can be imported to another instance of MotiveWave using the Import Page option (See File -> Import/Export Pages from the top menu bar). Pages can also be setup to export on a schedule. See Preferences dialog (Configure -> Preferences -> General -> Backup -> Auto Export Pages).

4.1 Export

To export workspace pages go to File -> Export Pages. From here you can select multiple pages and the file save location.

Exp	ort Pages X
One or more pages in this window can be ex workspace. Select the pages below to include	
File:	Browse
Home	
Charts	
Account Options	Select a file location for the page export to be saved.
Scan	puge expert to be cured.
Optimize	
News	
Floating	
Select the pages to be exported. Hold down CTRL/CMD to select multiple pages.	
Expo	rt Cancel

4.2 Import

To import pages into another workspace simply select File -> Import Pages and select the .zip file.

S Import	Pages X									
Pages can be imported from a file. Choose a file import.	below and select the pages that you want to									
File: C:\Users\Jason\Desktop\test.zip Browse										
Overwrite Existing Analyses/Watch Lists etc										
Accol + Options Scan	Select the pages .zip file.									
You have the option to overwrite the existing analyses, watch lists, etc.										
Import	Cancel									

4.3 Auto Export Pages

Pages can be automatically exported for your convenience, this can be done via the Preferences dialog. Configure -> Preferences -> General -> Backup -> Auto Export Pages.

Preferences	×
General Theme Chart Tool Bar Sounds Ratios Elliott Wave Harmonics Historical Data Orders Alerts Email Trade History Buy/Sell	
General Keyboard Mouse Fonts Quick Search Ticker Tape Linking Dock Trading Hours Simulated Account Auto Update Backup Compact Mode	
Auto Backup Auto Export Pages	
The Auto Page Export feature will automatically create export one or more pages from the Console or a Desktop window given folder on the specified interval. Older exports will automatically be deleted to avoid consuming too much disk space. Note: The Console/Desktop Window must be open for the export to happen.	
Auto Export Enabled Click here to enable auto export.	
Interval: 2 1 Hours The Enabled	
Max Files: 10 🗢	
Folder: C:\Users\Jason\MotiveWave Backups Browse Select the location where the backups will be saved.	
+ / ×	
rodow File Prefix Page Names *	
Consol Existing Home, Charts, Floating	
Click here to select	
the pages that will	
be exported.	
OK Apply Cancel	

5 Data Export Groups

Historical data can now be exported automatically and be arranged in groups. For details see the Preferences dialog (Configure -> Preferences -> Historical Data -> Data Export).

¢					P	references						×
General	Theme	Chart	Tool Bar	Sounds	Ratios	Elliott Wave	Harmonics	Historical Data	Orders	Alerts	E	▼
General	Tick Cha	arts Da	ata Export									
schedule.	rt Groups × 📑	allow y	ou to setup	groups o	finstrum	ents and bar s	izes to be ex	ported manually o	r on an a	utomate	d	
Au	≂xport			Name				Directory				
			icon to cr data group		No	content in table	e					
					ОК	Apply Car	ncel					

Click the + icon to create an export group.

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n			Export Group	×							
			d bar sizes that are exported to a given directory. Optionally								
		matically executed on a s	Name your data group								
Data Fo											
	_	CSV - yyyyMMdd HHmmss,O,H,L,C,V									
Time 2	Zone:	Click here to enable auto									
	Regular Trading Hours (RTH) Data export and select the export interval										
Auto Ex	xport:	1 🖨 Hours									
Export Direct	ctory:	C:\Users\Jason\Desktop\	MotiveWave Data Browse								
+ 🦯 🗡	1										
Inst	trument	Bar Size	Filename								
AAPL		5 min	AAPL.NASDAQ.GOOGLE_5.csv								
MSFT		5 min	MSFT.NASDAQ.GOOGLE_5.csv								
GOOGL	1	Click the + icon to	GOOGL.NASDAQ.GOOGLE_5.csv								
AMZN		add instruments and your desired bar	AMZN.NASDAQ.GOOGLE_5.csv								
AAPL		size.	AAPL.NASDAQ.GOOGLE_1440.csv								
MSFT		1 day	MSFT.NASDAQ.GOOGLE_1440.csv								
GOOGL		1 day	GOOGL.NASDAQ.GOOGLE_1440.csv								
AMZN		1 day	AMZN.NASDAQ.GOOGLE_1440.csv								
			_								
		Click OK once yo	u l								
		are done adding									
		instruments to the	e Click here to manually export this data group.								
		export group.	export this data group.								
				_							
		V									
		OK	Export Now Cancel								
	_										
6	ה		Export File ×								
			and optionally a name for the file that will be orical data is exported.								
		-									
	Instrum	ent: AAPL	• •								

Instrument:	AAPL <
Bar Size:	5 min 🔻
Since:	11/19/2017 🔳 🖌 All Available
Filename:	AAPL.NASDAQ.GOOGLE_5.csv V Use Default
	OK Cancel

Name – Name this data export group.

Data Format – Select the desired data format for export.

Time Zone – Select the time zone you would like the time stamps to be in (used for intraday data). **Regular Trading Hours Data** – Select this to export RTH data only.

Auto Export – Enable this to automatically export this group at your selected time interval. Note, you will need to restart MotiveWave for the Auto Export function to begin.

Export Directory – Click Browse to select the folder/directory you would like this data stored.

Click the + icon to add an instrument, from this dialog you can search for an instrument, select the bar size, the amount of data and the filename of the CSV file. You are also able to export multiple bar sizes for each instrument.

Click Export Now to manually export the data group. Click OK once you are finished adding instruments to this export group. Please note that any subsequent manual or automatic exported data group will be appended to the original CSV file.

¢					Р	references					×
General	Theme	Chart	Tool Bar	Sounds	Ratios	Elliott Wave	Harmonics	Historical Data	Orders	Alerts	E 💌
General	Tick Cha	arts Da	ata Export								
schedule.	ort Groups	allow y	Clic	groups o k here to his data	manual	ly export	izes to be exp	ported manually o	ron an a	utomate	d
Auto	Export		_	Name	_			Directory			
	\checkmark	MySto	ocks			C:\User:	s\Jason\Desk	top\MotiveWave [Data		
cre	ick here ate anotl export gi	her									
		_									
					ОК	Apply Ca	ncel				

6 Save As Image Name

A new chart option "Use Last Image Name" (default off) has been added to the Chart Options panel (Configure -> Preferences -> Chart -> Options). If this option is enabled the last Save As Image file name will be used the next time you save the chart as an image (instead of generating the file name with the latest timestamp).

¢				P	references						×
General The	me Chart	Tool Bar	Sounds	Ratios	Elliott Wave	Harmonics	Historical Data	Orders	Alerts	E	
Chart Settings	Indicators	Time Axi	s Labels	Temp	lates Option	s Bar Sizes	Bar Size Select	tor Com	ponents	P	
The fields below	The fields below allow you to adjust the default settings for charts.										
Vuse Unt	itled Analyse	s	Show Cr	oss Hair		Show Bird	l's Eye View				
Hide Pri	mary Name		Global C	ross Hai	r	Show Bird's Eye Lines					
Show E	xtended Data	a 🗸	Double C	ross Ha	ir	Resolve T	rend Lines				
🗸 Snap O	pen/Close		Solid Cro	ss Hair		Show Pro	perties on Double	e Click			
Show T	rade Panel	\checkmark	Auto Sca	le		Group Stu	idies				
Show O	rders		Auto Sca	le Price	Only	Show Stu	dy Labels				
Show T	rades		Semi Log Scale			Study Bar Updates					
Show D	OM Panel		Lock Scroll			Study Dock Long Names					
Show G	rid		Lock Studies			Use Account Position					
V Grid Da	sh		Lock Bar Size			Show Values In Legend					
Show M	ajor Times	\checkmark	✓ Show Info on Select		ect	Simple Study Title					
Show C	hart Buttons		Show Inf	0		Volume					
Show P	/L Ladder	\checkmark	Show Ra	nge Out	line	V Draw Can	dle Outline				
Show E	xchange		Show Mi	ddle Line	e	✓ Auto Load	Studies				
✓ Show S	ymbol	\checkmark	Confirm	on Close	è	Use Last Image Name					
Show B	ar Size	\checkmark	Link Mini	mize/Re	store						
Show Analysis Name			Show Ba	r Size S	eler Jr						
				ОК	Apply Ca	ncel					

7 Studies

7.1 DSS Bressert

Created by Walter Bressert. This oscillator is based on the Double Smooth Stochastic (by William Blau). It combines moving average methods with oscillator principles.

7.2 Rahul Mohinder Oscillator (RMO)

Created by Rahul Mohinder. This oscillator provides a gauge to market direction. Movement above the zero line indicates a buy sign and a sell sign below the zero line.

7.3 Moving Average Ribbon (MA Ribbon)

Creates a series of moving averages (MA) using the given method and period. Each moving average in the series will increment the period using the step.



8 Depth of Market (DOM)

A few enhancements have been made to the Depth of market (DOM).

8.1 Bid/Ask Scaling

Three additional options have been added for scaling the histogram for the bid/ask columns:

Fixed Max Size – Sets the maximum size for the bid/ask columns to a fixed value.

Max Scale Size – Sets an upper limit on the max bid/ask sizes. Use this to lessen the effects of unusually large bid/ask values.

Scale Visible Rows Only – If enabled the scaling will be based on the max values for the visible rows only (instead of all DOM rows).

\$			DO	/ Prefere	nces				×
General Botton	n Panel	Dividers	Price Column	Volume	Bid/Ask	Bid/Ask Delta	@Bid/@Ask	Notes	
Bid Align:	Right	•							
Ask Align:	Left	•							
Bid/Ask Align:	Left	-							
Bid Fill:		-	Enabled						
Ask Fill:		•	Enabled						
	Sho	w Totals							
	Sho	w Histogra	ım						
Bid Hist Fill:		•	Vuse Defaul	t					
Ask Hist Fill:		•	Vuse Defaul	t					
Fixed Max Size:	100	0 🌲 📃 E	Enabled						
Max Scale Size:	100	0 🌲 📃 E	Enabled	←					
	Scal	le Visible F	Rows Only						
PIQ Marker:		•	Enabled						
		ОК	Apply Defa	ults 👻	Template	▼ Cancel			

8.2 Bid/Ask Column

Added an additional column that combines the bid/ask sizes into a single column.

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1 ‡ ≡	•		
2 3 5	10 15	20	
Price	Bid/Ask	Orders	Volume
3203.75			
3203.50			
3203.25	261		
3203.00	470		767
3202.75	344		1937
3202.50	388		2887
3202.25	332		6369
3202.00	539		11835
3201.75	410		13814
3201.50	520		7949
3201.25	335		10104
3201.00	176		17994
3200.75	224		24670
3200.50	401		29854
3200.25	432		31664
3200.00	510		34304
3199.75	383		31723
3199.50	427		29601
3199.25	415		28768
3199.00	473		27829
3198.75	359		26148
3198.50	408		33982
3198.25			33042
2100 00			20677

8.3 Orders Column

Added the following enhancements to the DOM Order Column:

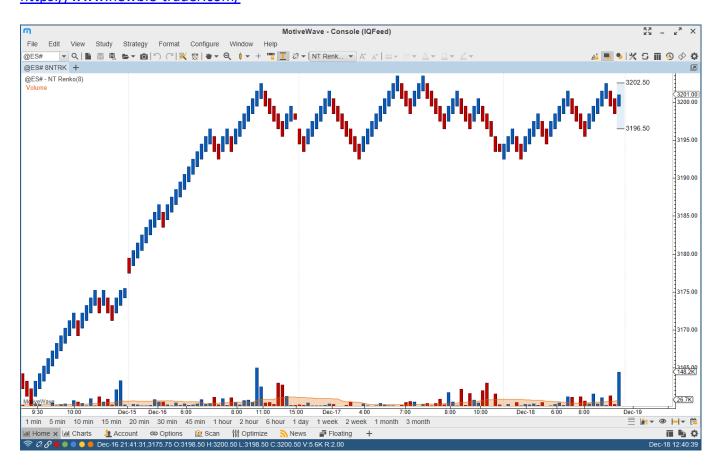
Auto Hide Cancel – The cancel button is only shown when the cursor hovers above the order.

Context Menu – The context menu (right click) shows pre-set quantities for quickly modifying the order quantity.

P/L Price	Bid/Ask	Orders	Volume	
3203.75				
3203.50				
3203.25	256			
3203.00	401		767	
3202.75	343	+LMT Edit	Order Ticket	
3202.50	413		cel Order	
3202.25	328	Can	cel All	
3202.00	547	2		
3201.75	401	5		
3201.50	559	10		
3201.25	326	15 20		
3201.00	148	20	10020	
3200.75	215		26041	
3200.50	379		29888	
3200.25	445		31664	
3200.00	466		34304	

9 NT Renko Bars

This specialized version of Renko bars starts the next bar at the midpoint of the previous bar (instead of at the top/bottom of the previous bar). This bar type was developed by Newbie-Trader: https://www.newbie-trader.com/



10 Other Enhancements

10.1 Elliott Wave Preferences

The following options have been added the Elliott Waves. See Preferences dialog "Elliott Wave" tab and the Component Properties dialog (double click on the wave):

Show Origin – If unchecked, the origin point will not be shown (even if it is the top-level wave). **No Future Points** – If checked, none of the future points will be displayed. This is in contrast to the Show Future Points being unchecked where only the first future point is displayed.

\$		Preferences						×
General Theme Cl	hart Tool Bar Sounds	Ratios Elliott Wave	Harmonics	Historical Data	Orders	Alerts	E	▼
General Degrees	Price Ratios Time Ratio	DS						_
Ratio Label Location:	Top/Bottom 👻							
Min Pixels Per Wave:	6 🖨 (Used by	the Auto Hide feature to de	etermine wa	aves that are visit	ole)			
Max Stack Levels:	4 🗘 🗸 Stack	Wave Labels						
Ratio Lines:		- 1.0 -	Alternating	Colors				
	Show Wave Lines	Show Time Labels	Sho	w Info Ratio				
	Show Ratio Lines	Show Ratio Labels	Sho	w No Future Poin	its			
	Range Line Right	Show Source Line	Sho	w Future Points				
	Show Ratio Range	✓ Show Info Pips	Shor	w Origin				
	Show Ratio Colors	Show Info Bars						
		OK Apply Cance	el					

10.2 Commentary Components

The text for comments can now be modified in the component properties dialogs (right click and choose "Properties" from the comment). Additionally, changing this text as part of a custom component/tool will change the default text when the component is created.

	E Comment Properties	;	×
	General Format Visibility		
Select and	Enter the text for the comment below.		-
type to edit	Select and type to edit text.		
	OK Apply Defaults - Template - Cancel		

10.3 Labelled Line

This new component draws a horizontal line with a customizable label attached to it. This component can be found in the "General" stencil (see Components Panel).



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10.4 Visibility Options

You can now add multiple visibility options to a component, study or wave/time ratio. An object is visible when one of the visibility conditions is met.

⊞	Support/Resistance Area Properties			×	
General	Format	Visibility			
Use the dr	op down I	below to sp	ecify which time	frames this component will be visible.	
Visibility:	=	-	5 min	- × +	
	=	-	Range	▼ 3 🖨 Use Points 🗙 🕂	
	>=	-	Tick	▼ 1000 \$ × +	
 Tick Use Visibility Setting Above Visible On Current Bar Size Only Visible On Current Bar Size Or Higher Visible On Current Bar Size Or Lower 					
OK Apply Defaults Template Cancel					

10.5 Alert Conditions

Multiple alert conditions are now allowed when creating/modifying an alert.

¹	Create Alert	×				
Alert Adva	Alert Advanced Trade					
Parameters						
Condition:	Price Crosses 3197.00 Indicator +					
	Volume >= 4000 □ Indicator × +					
	Trigger Multiple					
Label:	Click to add					
Comments:	multiple conditions.					
Notification						
Show Alert:	Yes 🔻					
Play Sound:	Yes 🔹 🗸 Use Preset Sound					
Sound File:	► Browse					
Send Email:	No Attach Image					
	OK Save Defaults Delete Cancel					

10.6 Indicator "Draw on Top"

Added an option to draw an indicator on top of the other indicators. This is on by default for Bid, Ask and Last price. This feature is also available for study indicators (see advanced properties).

n	Indicator: Last Price	×		
The fields belo	ow allow you to adjust the indicator settings.			
Enabled:	\checkmark			
Price Line:	- 1.0 • Enabled			
Outline Color:				
Label Color:	▼ ✓ Use Default			
Text Color:	—			
Font:	Arial;13.0 💉 🗸 Use Default			
	✓ Draw On Top			
OK Cancel				

10.7 TD Ameritrade Login

The login procedure has been changed to use a browser-based login. This was done to comply with TDA's new API login procedure.

D Ameritrade	D Ameritrade				
Secure Log-in					
User ID					
Password	Ø				
Remember User ID					
Log in Cancel					
Forgot user ID?	Forgot password?				

10.8 Java 13

MotiveWave version 6.0.2 was updated to the latest Java VM. This will require a full install on Windows (ie: download the latest installer from our website and run it on your local machine). Download available from <u>https://www.motivewave.com/download.htm</u>