

New Features for OFA Release V1.6.1

OFA Foundation software :

New OFA Bar Type **OFA@ Tick-Based**
Counter to display number of ticks

Delta Addon/Advanced Features Addon :

New Imbalance Analysis tool : Additional controls for dynamic **Diagonal RATIO**
Imbalance with control to set the minimum bid/ask volume to be included in the ratio
scan / analysis of the orderflow.

Renamed the three delta analysis circle menu options to be clearer
Decimals for the circle ratio size for all 3 types and diagonal ratio settings.

Single Print exhaustion markers at High and Low with controls with setting to define
the maximum value for bid / ask.

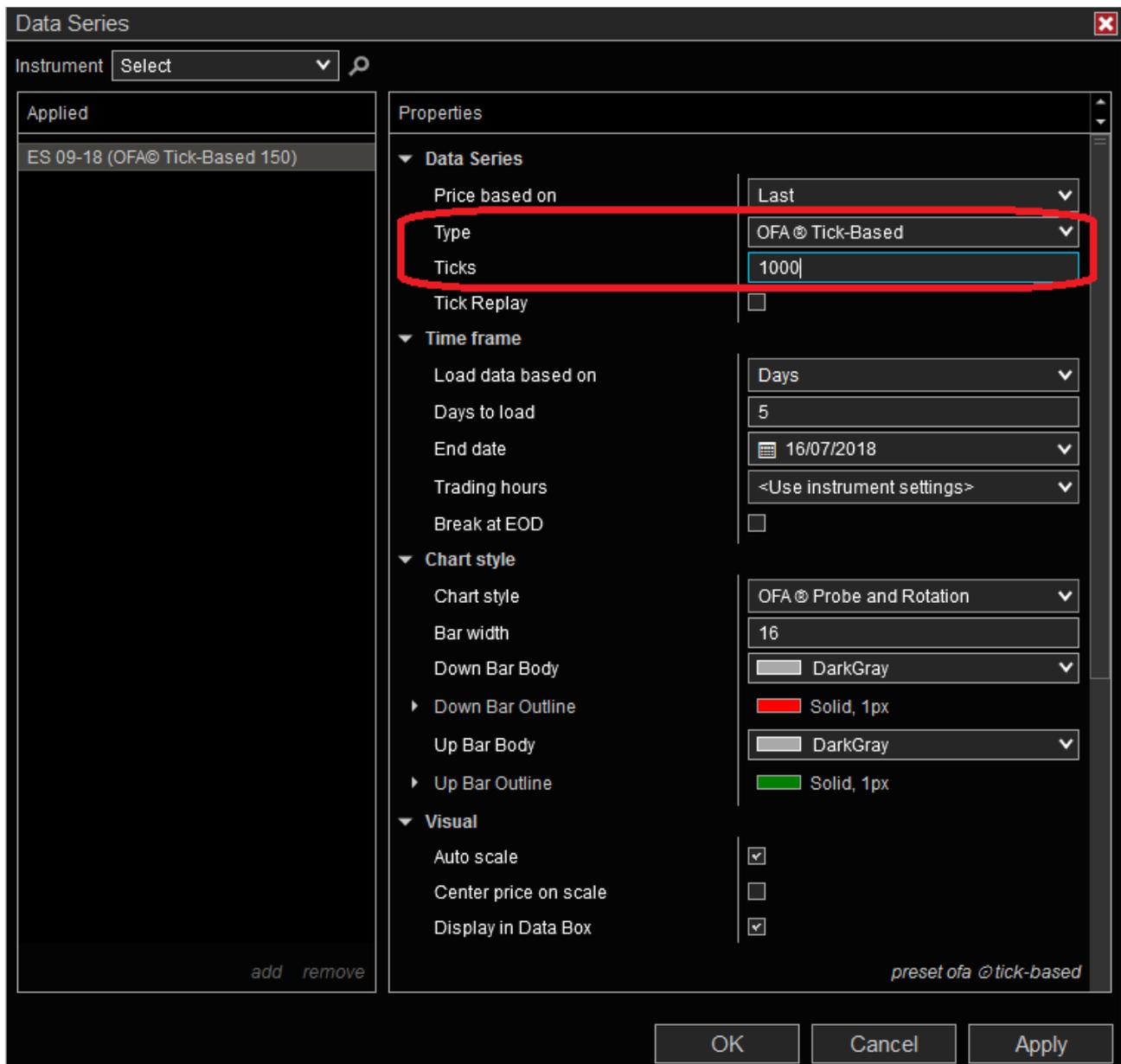
Cwap / Vwap Risk – display of the number of Ticks between the Profile VWAP price
and the CWAP price at the right edge/live edge of profile.

OFACDelta : additional parameter setting to allow display of the delta as Continuous
or Non Continuous : the Non Continuous setting means the delta will be displayed as
wicked candles for each bar's delta.

AlgoX :

Realized PnL for selected account displayed when Flat.

New OFA Bar Type OFA@ Tick-Based



Bar counter which works only with OFA@ Tick-Based Bar type

This is drawn at the right side of the current live bar.

There is an option to disable the display in addition to Font size and Color options.

Indicators ? ✕

Available	Properties
<i>i</i>	
Configured	
OFA®(ES 09-18 (0,9,3))	

add remove up down

Properties

- ▼ **Period Parameters**
 - Structure Chart Mode
- ▼ **OFA® Parameters**
 - Print Font Color
 - Print Font Size
 - Bid Alert Font Color
 - Bid Alert Font Size
 - Offer Alert Font Color
 - Offer Alert Font Size
 - Vwap History Line Calculation
 - Show Zero Values
 - Bar Counter Font Color**
 - Bar Counter Font Size
 - Show Bar Counter
- ▼ **Print Sequence Alert Parameters**
 - Show Bid Sequence Alerts
 - Bid Sequence Number
 - Bid Sequence Color
 - Bid Sequence Size
 - Bid Sequence Opacity
 - Show Offer Sequence Alerts
 - Offer Sequence Number
 - Offer Sequence Color
 - Offer Sequence Size
 - Offer Sequence Opacity
- ▼ **AlgoX Parameters**
 - Take Profit Lines
 - Stop Lines
 - Entry Line
 - Pending Entry Line
 - Pending Stop Lines
 - AlgoX Order display bar length (% of chart)
 - Active Profile Color

preset

New Third Diagonal Imbalance Circle Analysis Tool. This method is based upon the **RATIO** defined by the menu control of Bid/Ask or Ask/Bid whichever is greater. In addition to the control to define the size of the circle drawn at Bid or Ask there is a control which specifies the **Minimum volume** ; which determines which Diagonal Bid/Ask will be included. If we only want bid or ask volumes that are ≥ 5 or ≥ 10 we set the control accordingly.

So the filter is based on volumes at Bid or Ask \geq to the value in the control.

For the bars in view in the current chart window we can dynamically view at a glance where the ratio of Ask to Bid is in favour of the Buyers at the Ask or the Sellers at the Bid.

The ratio setting can be set to a value between 1.0 and 60.0 and decimal settings eg 1.5 or 1.75 can be set.

The minimum BID/ASK for the Diagonal Ratio can be set to currently a value between 1 and 100.

Print Mode of OFA Bars Observation

If we consider the importance structure of the market eg. on a 15M or say 30M for the market to advance higher or move lower ; if you take a look at the Print mode with the Ratio markers – it can highlight areas in our Probe Rotation bars where there may be some imbalance/weakness in the Order flow print that the market can come back to retest and fill with more Order flow before continuing.

The ES which is a more liquid contract is a good one to take a look at initially. I covered a CL example in the video that was uploaded at the time of this Release. Use a low setting of Minimum volume control to observe the smaller circles and weaker volume print.

I just wanted to point this out as another potential usage of this tool in addition to visually and dynamically pinpointing areas where we have aggressive buyers or sellers and in particular zones.

Some Questions to consider when observing the chart and Order Flow :

As before with the other Imbalance tools consider the Location of the circles
Observe the Effort vs Result – is there follow through with the Imbalance ?

Look for retesting of these zones.

Where are the trapped traders?

To support an up move look for :

Ask Ratio circles in the lower part of a probe rotation bar & in the lower section of an up swing.

To support a down move look for :

Bid Ratio circles in the upper part of a probe rotation bar & in the upper section of a down swing.

Look for evidence of Absorption by the Limit Orders :

Do we have more Absorption by the Limit order Sellers at the High of a bar & in the upper section of an up swing ; with Strong Ask Ratio Imbalance Circles? Or more absorption by the Limit order Buyers at the Low of a bar & the lower section of a down swing; with Strong Bid Ratio Imbalance Circles?

Parameter Settings for Diagonal RATIO Imbalance Circles.

The screenshot displays the 'Indicators' software interface. On the left, there is a list of indicators under 'Configured', with 'OFA (ES 09-18 (1),9,3)' selected. The main area is divided into 'Properties' and a settings panel. The 'Properties' section is expanded to show 'Delta Group Parameters' and 'Bid Diagonal/RATIO Circle'. The settings panel on the right contains various parameters for the selected indicator, including colors, opacities, and volumes. A red box highlights the following settings:

- Diagonal/RATIO setting for current Diagonal/RATIO Circle Vo...: 1
- Diagonal/RATIO Circle Ratio Size: 2
- Minimum BID/ASK volume for Diagonal/RATIO setting: 1
- Bid Diagonal/RATIO Circle: White Solid, 2px
- Ask Diagonal/RATIO Circle: Green Solid, 2px

Other visible settings include Bid Delta Color (Red), Offer Delta Color (DodgerBlue), Delta Numbers Font Color (White), and COT Numbers Font Color (DodgerBlue). The interface also includes a 'preset' button at the bottom right.

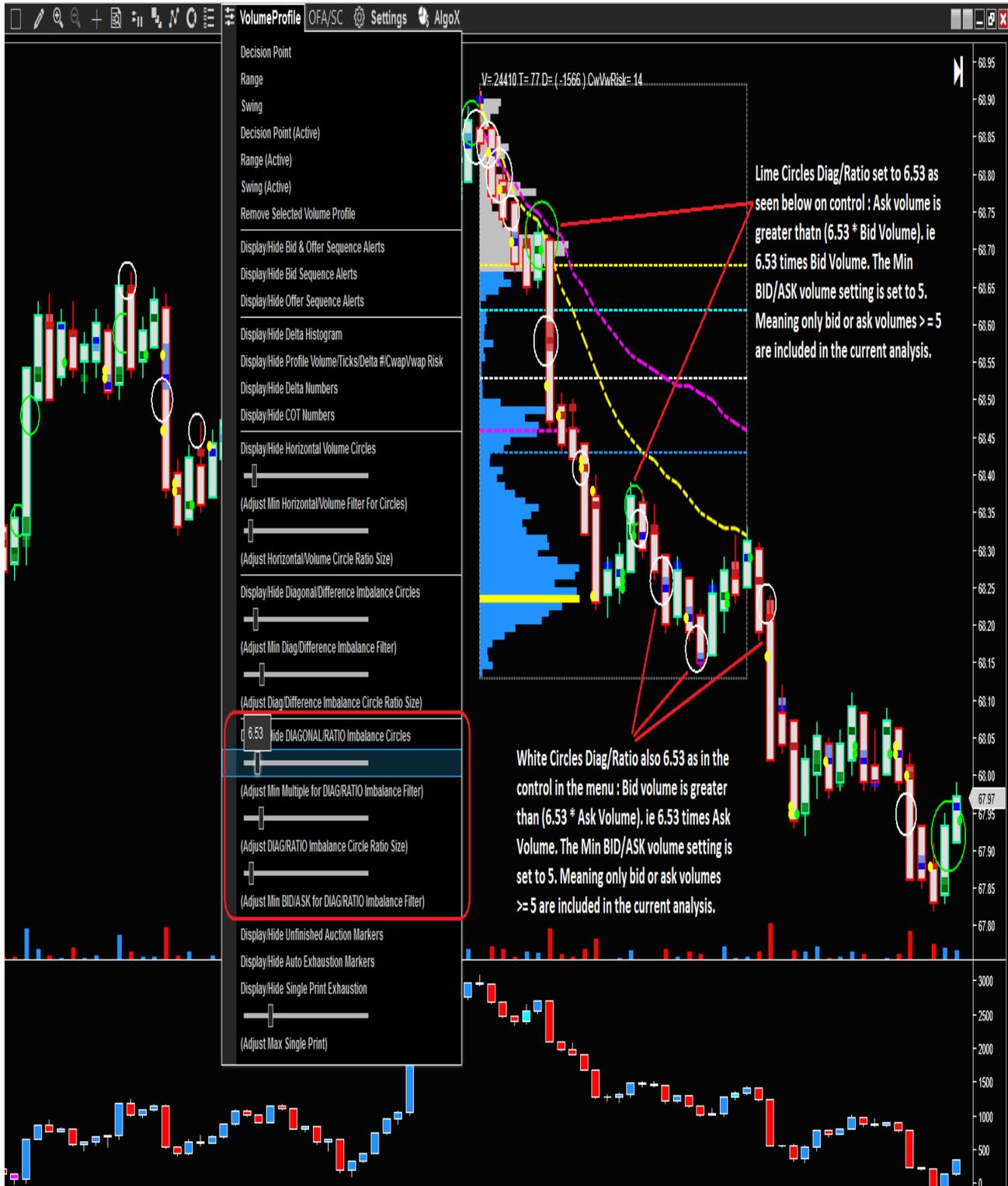
Additional VolumeProfile Menu Settings to support New Features

VolumeProfile OFA/SC Settings AlgoX

77.D= (-1566.)

- Decision Point
- Range
- Swing
- Decision Point (Active)
- Range (Active)
- Swing (Active)
- Remove Selected Volume Profile
- Display/Hide Bid & Offer Sequence Alerts
- Display/Hide Bid Sequence Alerts
- Display/Hide Offer Sequence Alerts
- Display/Hide Delta Histogram
- Display/Hide Profile Volume/Ticks/Delta #/CwapVwap Risk**
- Display/Hide Delta Numbers
- Display/Hide COT Numbers
- Display/Hide Horizontal Volume Circles
 - (Adjust Min Horizontal/Volume Filter For Circles)
 - (Adjust Horizontal/Volume Circle Ratio Size)
- Display/Hide Diagonal/Difference Imbalance Circles
 - (Adjust Min Diag/Difference Imbalance Filter)
 - (Adjust Diag/Difference Imbalance Circle Ratio Size)
- Display/Hide DIAGONAL/RATIO Imbalance Circles**
 - (Adjust Min Multiple for DIAG/RATIO Imbalance Filter)
 - (Adjust DIAG/RATIO Imbalance Circle Ratio Size)
 - (Adjust Min BID/ASK for DIAG/RATIO Imbalance Filter)
- Display/Hide Unfinished Auction Markers
- Display/Hide Auto Exhaustion Markers
- Display/Hide Single Print Exhaustion**
 - (Adjust Max Single Print)

Examples of the New Diagonal Ratio Analysis Tool





Parameter settings for the Single Print Exhaustion

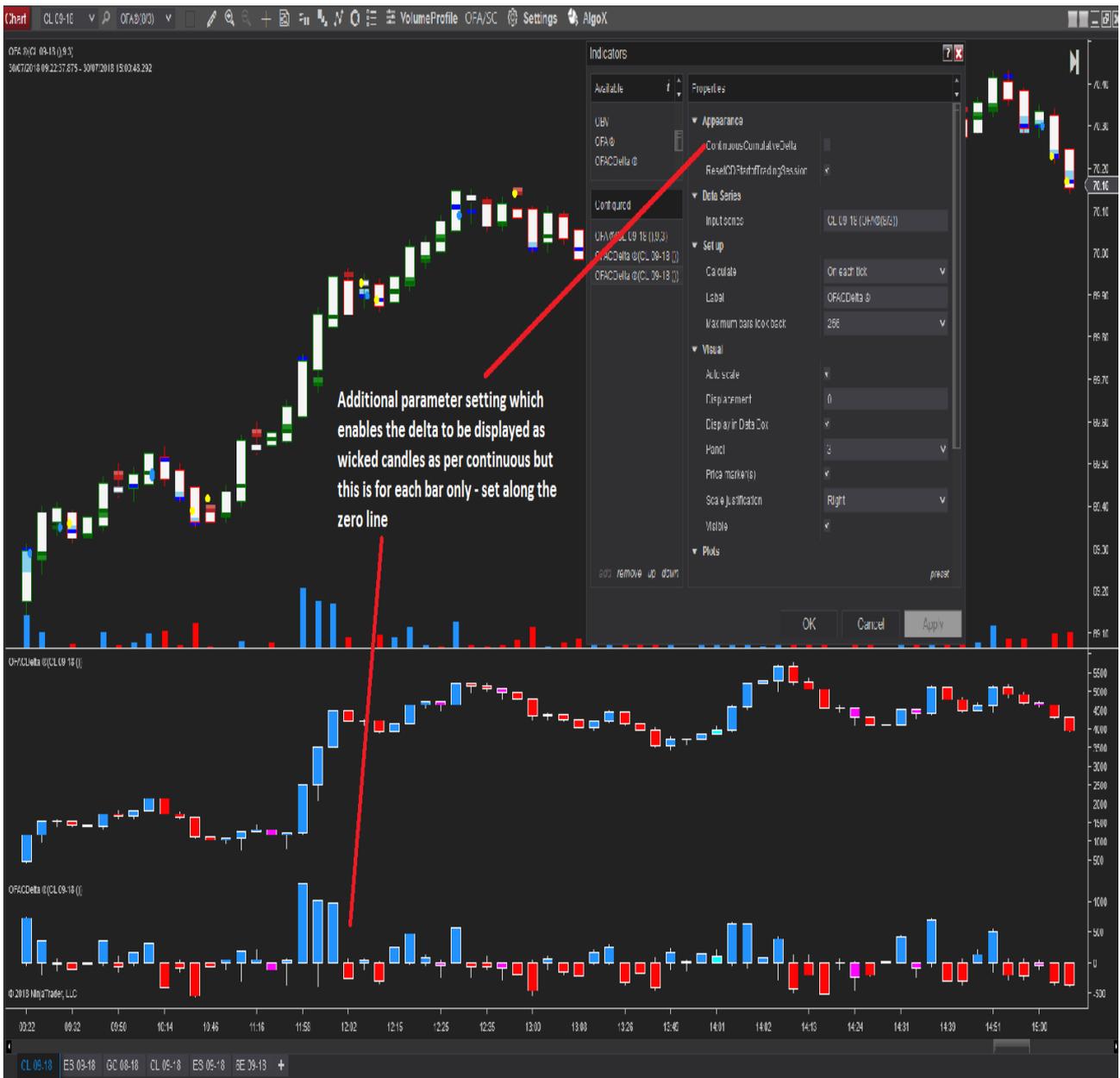
The screenshot displays the 'Indicators' configuration window. On the left, there is a list of indicators under 'Configured', with 'OFA @ (ES 09-18 (,9,3))' selected. The main area is divided into 'Properties' and a settings panel. The 'Single Print Exhaustion' section is highlighted with a red box. The settings for this section are as follows:

Property	Value
Show Single Print Exhaustion	<input type="checkbox"/>
High Single Print Exhaustion	<input checked="" type="checkbox"/>
Color	Cyan
Dash style	Solid
Opacity (%)	100
Width	2
Low Single Print Exhaustion	<input type="checkbox"/>
Max Single Print	9

At the bottom left of the window, there are buttons for 'add', 'remove', 'up', and 'down'. At the bottom right, there is a 'preset' button.

OFACDelta Additional Parameter

OFACDelta has an additional parameter setting to allow display of the delta as Continuous or Non Continuous : the Non Continuous setting means the delta will be displayed as wicked candles for each bar's delta. See graphic below :



CWAP/VWAP Risk Display At Top of Profile

Cwap / Vwap Risk – display of the number of Ticks between the Profile VWAP price and the CWAP price at the right edge/live edge of profile.

This value is the last value displayed at the Top Left Display of the profile with menu option to Display/Hide the values. This value will update for profiles that are tracking the latest live bar.

This gives an at a glance display in order to assess risk to reward of potential trades based on the entry at or around profile CWAP price with the Risk/Stop defined by the VWAP price.

As has been clarified in the Video that was linked to this release – the VWAP price that is updated in real-time is the horizontal line that appears alongside the profile bars. The VWAP history line updates when the current bar closes ; in the case of live tracking profiles. This is for performance reasons as there is a lot of calculation to recalculate the VWAP and history points for a live profile.

So it is the Realtime VWAP value (Horizontal Line) that is used when comparing the difference to the current CWAP value for the profile ; to then display this in the region at the top area.

