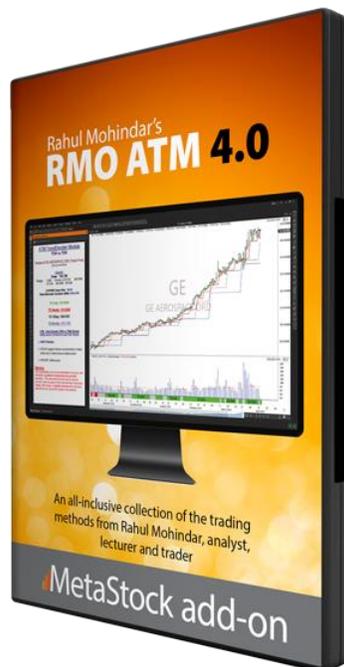


ATM

PowerScreener

— BY VIRATECH —

Your complete guide for using the ATM PowerScreener & RMO ATM add-on for MetaStock



Written by Rahul Mohindar

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The ATM PowerScreener Product including this User Guide cum manual is not a recommendation to buy or sell, but rather a guideline to interpreting the specified analysis methods and indicators. The information and tools provided should only be used by investors who are aware of the risk inherent in trading.

It should not be assumed that past performance is any guarantee of future results. Results obtained from the use of the ATM PowerScreener indicators or any information provided in this User Guide are not guaranteed to be profitable. It should be well understood that investing or speculating in the financial markets involves risk and may result in either a partial or total loss of one's investment capital. The information presented in this User Guide is believed to be reliable, but cannot be guaranteed as to its accuracy or completeness.

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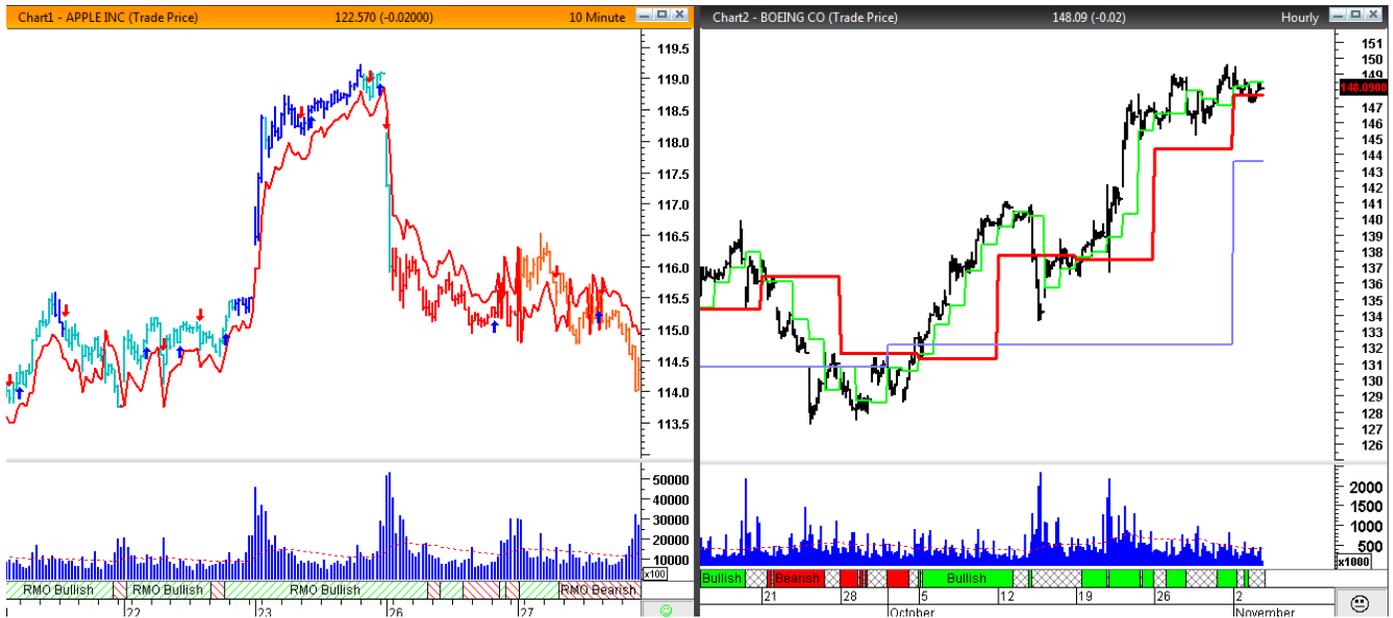
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Introduction



POWERED BY MetaStock

Symbol	LAST	CHANGE	CHANGE %	ATMBC,D	ATM ZONEDETECTOR,D	TD AUTO,D	RMO,10M	RMO II,D	Position	M2M P/L,D	RS
ISRG.O	503.41	-0.85	-0.17		Dormant	*BULLISH*		1	+5000@490	67050.00 [2.74%]	
SNDK.O	76.92	0.14	0.18		Dormant	*BEARISH*		1			
ATVI.O	35.82	1.25	3.62		Active	*BEARISH*		1			
GMC.R.O	54.84	3.23	6.26		Dormant	+++		-1	+2000@55	-320.00 [-0.29%]	
XLNX.O	47.29	-0.46	-0.96		Dormant	*BEARISH*		1			
INTU.O	97.71	0.20	0.21		Dormant	*BEARISH*	DOWN ARROW	1			
FB.O	102.58	-0.73	-0.71		Dormant			1	1000@100	2580.00 [2.58%]	
NXPI.O	78.49	1.86	2.43		Hyperactive	*BEARISH*		-1			
AAPL.O	122.57	1.39	1.15		Dormant	*BULLISH*		1			
PCAR.O	53.23	-0.48	-0.89		Active	*BULLISH*	NEW RED	1			
VRTX.O	128.36	1.42	1.12		Dormant	*BULLISH*	RMO 3D BUY	1			
BIIB.O	299.14	-3.94	-1.30		Dormant	*BULLISH*		1	+1000@255	44140.00 [17.31%]	
ESRX.O	88.30	0.24	0.27		Active	*BULLISH*		1			
GILD.O	109.10	-0.50	-0.46		Dormant	*BULLISH*		1			
SIRI.O	4.13	0.00	0.12		Dormant	*BULLISH*	NEW RED	1			

The ATM PowerScreener is a premium suite of studies, that's engineered to help today's trader with automated analysis and trade detection. The studies / indicators / strategies help you trade to a more disciplined rule-based approach. The indicators are aimed at being intense, effective and above all simple - they provide a never-before-seen visual experience on the trade and trend quality.

The ATM PowerScreener strategies are further backed with an exclusive Quote window that's powered with voice and email alerts that help you focus on opportunities and elevate your trading results. To compliment the indicators, we've also included for you live PowerScreener studies that perform vigorous scans on stocks / symbols you're interested in.

The product was envisaged by Rahul Mohindar, Director at VIRATECH SOFTWARE, a company purely dedicated to the sphere of Technical Analysis for over 20 years.

Mr. Mohindar is a seasoned trader, and a renowned educator and panelist. For over a decade Mr. Mohindar has been regularly featured on leading media channels including Bloomberg and CNBC India. His interviews and findings have been published across various news papers and books. Rahul is a real-life trader till this day and has educated thousands of traders across the globe including on live real time trading scenarios. Rahul's entry into the trading arena started right from his teens and he's been part of a multiplicity of events across the globe including USA, UK, Australia, Asia and Middle East! His research and work rotate around highly practical lines which is what he's renowned for. His studies have also been acquired by industry leaders, he is well known for his RMO (Rahul Mohindar Oscillator) system that has been a key component of the award winning MetaStock product line since 2008.

Over the past years, the ATM PowerScreener suite has already proven itself as a winner with hundreds of users across the globe trading multiple asset classes including Stocks, Futures, Options and Forex. With a blend of both breakout and counter trend strategies coupled with powerful automated scans it ensures trend breakouts and reversals are caught with ease and no manual intervention.

Its unique Alert mechanisms are again ground breaking, as it includes both email alerts and more popularly VOICE ALERTS! Yes alerts that talk to you even if you didn't look at the program!

It's specialty tools help you even detecting sideways zones and gauge volatility which is essential to the Options trader too. Additionally knowing you're in a sideways market helps save you from typical whipsaws.

It also packs in exclusive studies designed around volume data, this coupled with its proprietary detection methodologies give you to the point signals on the forthcoming trade.

If you have been a classic technician or a MetaStock power user, the ATM PowerScreener puts on the table a host of signals ranging from Candlestick Patterns, Bollinger Bands, Moving Average Crossovers, MACD, RSI & Stochastic setups!

It also includes powerful scans for MetaStock's inbuilt RMO Trade Model, so you would also be able to scan for precise RMO Trade Model setups including 3D Buy and Sell setups that you can trade on the spot!

Simply put, the ATM PowerScreener automates trade detection and analysis to such a clean degree that it allows you to **focus on the trade**, rather than just being an analyst only. So, if you're looking for a **comprehensive suite that's easy and effective** to use, and works like a guiding force that helps you inculcate discipline, the ATM PowerScreener suite is the ultimate choice.

So whether you're an advanced level trader wanting to derive a deeper sense or a new entrant that's looking for easy tools with buy and sell signals, the ATM PowerScreener does this with great versatility and extreme efficiency. The suite is not just backed by typical resources but complimented by real life personalized one to one training!

This add on is yet another great example of how a lucid approach gets you closer to trading precision and financial freedom.

Installation & Loading Studies

The **ATM PowerScreener** is a MetaStock add-on and needs to be purchased and installed before you start using it.

Note: The product operates on MetaStock version 15 or higher only. To use any of the studies, you **must be subscribed and then authenticated by Viratech.**

To signup via Viratech visit : <http://www.viratechindia.com/metastock-rmo.html>

OR

To signup via MetaStock, USA visit : <https://www.metastock.com/products/thirdparty/?3pc-add-rmoatmiii>



Post sign up, your Product activation at the Viratech server will take 6 to 12 hours. Hence, proceed with installation only 12 hours after you have signed up.

To install, simply run the ATM PowerScreener setup file found online under “My Downloads”
During the setup enter your **Uid : first.lastname** and Password **0-000000 (8 Digit Order Number)**

In case your need assistance with signing up or installation, you are welcome to email us at support@viratechindia.com.



3 easy ways to load ATM Studies / indicators on a MetaStock Chart:

Use the preset Style Templates we have provided you

Right click on a chart – Apply Template (Select ATM Breakout Catcher or similar)

OR

Manually add an indicator in MetaStock, Click on Insert-Indicator-Select Indicator

OR

Simply Drag and Drop from the Indicator quick list

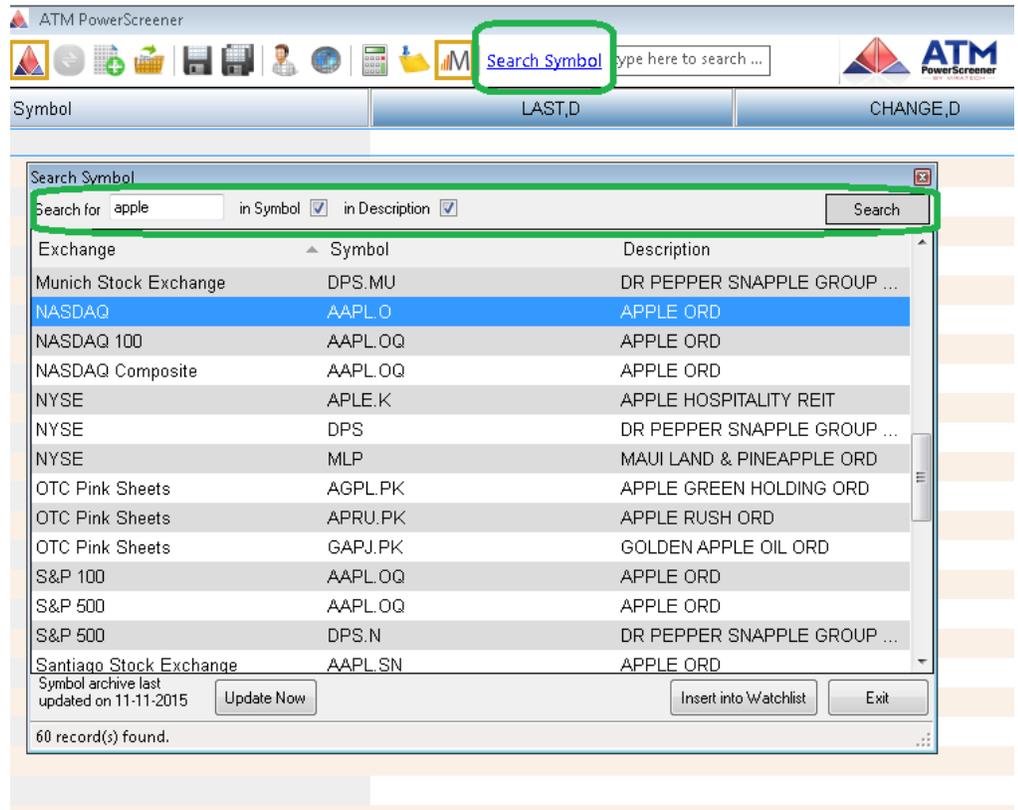
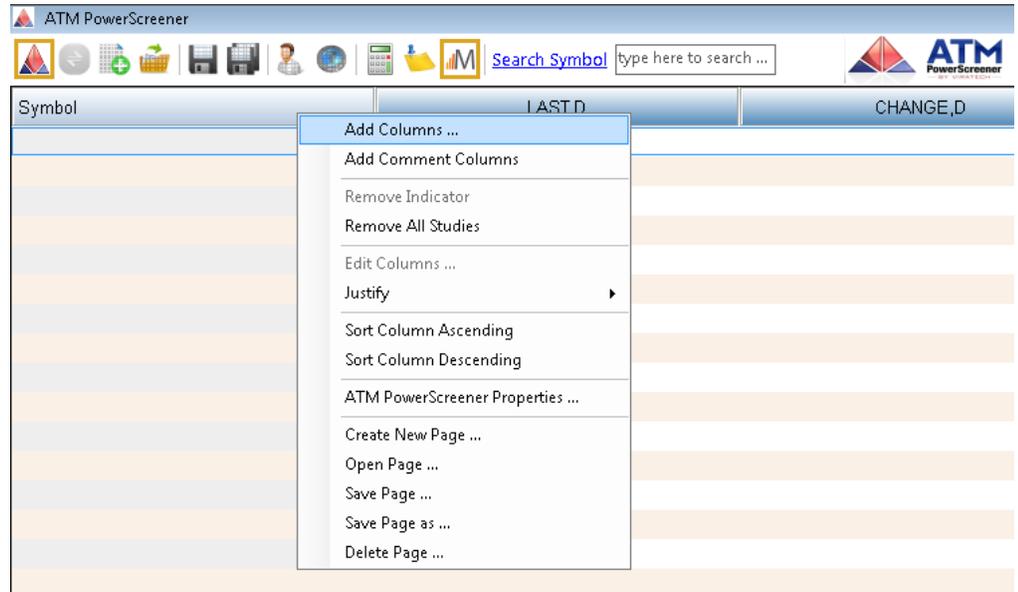


To open the **ATM PowerScreener Quote Board** follow these steps:

Launch the ATM PowerScreener Application via the Desktop shortcut.

A New Page opens by default. Input the symbols that you wish to monitor.

If you need to search for a Symbol, use the **Search Symbol** feature provided.



To add columns / studies / indicators / scans, right click on the header row and select **Add Columns...**

Now choose the indicator you would like to add column for and press ok to insert the Column.

If you would like to add **multiple indicators**, select a study and click on Add, then select the next study and click Add. You could continue to Add more studies, however **finally you do need to click Ok to Insert the Columns.**

The screenshot shows the ATM PowerScreener interface. A table of stock data is visible with columns: Symbol, LAST,D, ADX,D, ATM RMO II,D, ATM TD AUTO,D, and CHANGE,D. A dialog box titled 'Add new Column' is open, showing a list of indicators. The 'ATM RMO II' indicator is selected in the list. The dialog also shows options for 'Interval' (set to Daily) and 'Title Backcolor'.

The selected indicator(s) will now be loaded into your WatchList....

The screenshot shows the ATM PowerScreener watchlist. The table contains the following data:

Symbol	LAST,D	CHANGE %,D	CHANGE,D	RMO,D	ATM RMO II,D	ATM SWI,D	ATM TD AUTO,15M	ATMBC,D	VOLUME,D
AMZN.O	669.94	1.56	10.26		1	649.55	BULLISH		1119013
ATVI.O	33.74	-0.35	-0.12		SELL	32.33	+++		777266
AVGO.O	120.42	0.47	0.56	NEW RED		127.58	BEARISH		361713
BBBY.O	58.10	-2.43	-1.45			56.73	BEARISH		297591
BIDU.O	198.98	1.01	1.99		1	190.20			749045
BIIB.O	301.26	1.36	4.04		1	286.96	*BULLISH*		179583
BMRN.O	112.12	-0.16	-0.18	NEW RED		106.37	+++		32179
BRCM.O	51.90	0.88	0.45			53.68	+++		1022698
CA.O	27.12	0.20	0.05		-1	27.73	+++		172782
CELG.O	113.72	-0.04	-0.05		-1	118.28	BEARISH		413444
CERN.O	58.98	-0.54	-0.32		-1	61.29	BEARISH		467778
CHRW.O	68.46	-0.42	-0.29		-1	70.29	*BEARISH*		25751
CHTR.O	191.89	0.59	1.12		1	185.31	BULLISH		59212
CMCSA.O	61.50	-0.11	-0.07			60.40	+++		481597
CMCSK.O	61.63	-0.15	-0.09			60.54	+++		176394
COST.O	156.23	-0.12	-0.18		PB	152.77	+++		250402
CSCO.O	27.89	-0.32	-0.09		-1	27.49	BEARISH		2716573
CTSH.O	67.97	-0.18	-0.12		PB	66.69	+++		182331

SYSTEM REQUIREMENTS

BASIC User

Windows 10 / 11

Intel® Core™ i3 / i5 / i7 / i9

4 GB RAM or higher

250 MB available hard disk space

High Speed internet connection

An active MetaStock ver 17 subscription (including MetaStock XENITH data)

POWER User*

Windows 11 (64-bit)

Intel® Core™ i7 / i9

16 GB RAM or higher

10 GB available hard disk space (SSD Hard Drive recommended)

High Speed internet connection

An active MetaStock ver 19 subscription (including MetaStock XENITH data)

****A power user is someone who uses 1 or more of the following...***

Keeps 5 or more interval charts open simultaneously

Uses a PowerScreener Page with over 30 symbols.

Has 4 or more ATM indicators plotted on a chart

IMPORTANT : Owing to the powerful indicators and unique features the ATM PowerScreener was engineered for 64 Bit PC's. Hence it is suggested you use a pc with Windows 7 / 8 / 10 (64 Bit) as the 64-bit version of Windows handles large amounts of random access memory (RAM) more effectively than a 32-bit system.

[How can I tell if my computer is running a 32-bit or a 64-bit version of Windows?](#)

To find out if your computer is running a 32-bit or 64-bit version of Windows in Windows 7 or Windows Vista, do the following:

1. Open System by clicking the **Start** button , right-clicking **Computer**, and then clicking **Properties**.
2. Under **System**, you can view the system type.

If your computer is running Windows XP, do the following:

1. Click **Start**.
2. Right-click **My Computer**, and then click **Properties**.
 - If you don't see "x64 Edition" listed, then you're running the 32-bit version of Windows XP.
 - If "x64 Edition" is listed under **System**, you're running the 64-bit version of Windows XP.

ATM PowerScreener Quoteboard Inclusions...

The ATM PowerScreener is built to be a comprehensive and versatile suite and hence includes a host of different studies, features and scans.

The ATM PowerScreener icon on your desktop will launch you into the application and is designed to be your Go-To screen, as it works as a Live Quoteboard, Scanner, Auto Interpreter and more! Below is a list of 41 studies / fields that are included in the ATM PowerScreener module. For your convenience, the studies have been detailed individually in the manual.

1. Description
2. 52 Week High
3. 52 Week High %Change
4. 52 Week Low
5. 52 Week Low %Change
6. Ask
7. Bid
8. Open
9. High
10. Low
11. Last
12. Volume
13. Change
14. Change %
15. ADX
16. ATM Countertrend Indicator (CTI)
17. ATM RMO II
18. ATM RMO SF (Super Filter)
19. ATM Strength Weakness Index (ATM SWI)
20. ATM TD AUTO (ATM Trend Decider Auto Interpreter – DEFAULT / ORIGINAL)
21. ATM TD BREAK (ATM Trend Decider Breakout)
22. ATM TD AUTO CUSTOM (ATM TD Auto Interpreter – User DefinedM)
23. ATM TD DAILY (ATM Trend Decider Daily)
24. ATM TD 15DAYS (ATM Trend Decider 15 Days)
25. ATM TD MONTHLY (ATM Trend Decider Monthly)
26. ATM TD WEEKLY (ATM Trend Decider Weekly)
27. ATM ZONEDETECTOR
28. ATM BC (ATM Breakout Catcher)
29. ATM BC SYNC (ATM Breakout Catcher Sync with Zone Detector)
30. ATR%
31. BOLLINGER BANDS
32. CANDLESTICKS
33. CCI
34. DMI
35. M2M PL (Marked to Market Profit / Loss)
36. MA CROSS (Moving Average Crossover)
37. MACD

- 38. OUTSIDE DAY REVERSALS
- 39. RMO (Rahul Mohindar Oscillator)
- 40. RSI
- 41. STOCHASTIC
- 42. Volume Breakout (Vol Breakout)

Important Notes:

- ◆ Whilst the above tools and studies can be used across any timeframe and asset class be it Stocks, Commodities or Forex, they work only on symbols with complete Open / High / Low / Close (OHLC) charts that have 200 bars or more of historical data.
- ◆ A few indicators viz. SWI, Zone Detector and CTI are dependent on the presence of volume data.
- ◆ All of the above tools are optimized for use only on MetaStock (Real-Time) ver 15 or higher

ATM Chart Indicators / Experts / Templates

The ATM PowerScreener includes a suite of indicators, some specially for use on the Chart Window whilst the others for the live Quoteboard :

The studies you can apply on the Chart are as follows :

1. ATM Breakout Catcher
2. ATM Zone Detector
3. ATM Zone Fill
4. ATM Countertrend Indicator (CTI)
5. ATM Strength Weakness Index (SWI)
6. ATM RMO II +
7. ATM RMO II -
8. ATM Trend Decider Daily (TD Daily)
9. ATM Trend Decider 15 Day (TD 15 Day)
10. ATM Trend Decider Weekly (TD Weekly)
11. ATM Trend Decider Monthly (TD Monthly)

The following Expert Advisors are also included, these mark buy and sell signals, highlight trends and also give commentary :

1. ATM Breakout Catcher
2. ATM Counter Trend Indicator (CTI)
3. ATM SWI
4. ATM RMO Signals
5. ATM TrendDecider Suite
6. ATM RMO II

Also included are 7 Style Templates, to apply these simply right click on a chart – Apply Template and select / double click the one you wish to apply

Tip : Style Templates are a great launch pad and convenience which include both Indicators and Experts exactly how you need. What's best is, these templates can also be further customised by you.

1. ATM Breakout Catcher
2. ATM Counter Trend Indicator
3. ATM SWI
4. ATM RMO
5. ATM TrendDecider
6. ATM RMO II
7. ATM RMO I & II Dual View

An overview of MetaStock's inbuilt RMO Trade Model

The RMO Trade Model is available in MetaStock from version 10 onwards. The RMO was developed by Rahul Mohindar, and acquired by MetaStock in 2006. It consists of 4 modules which are explained below:

The RMO (Rahul Mohindar Oscillator)

This module detects the *primary* trend and was developed to smoothen out multiple market swings.

If the RMO is positive (above zero) one concludes that the long term / primary trend is UP. In this case, we ideally look for blue Buy arrows with Blue bars to put on long trades.

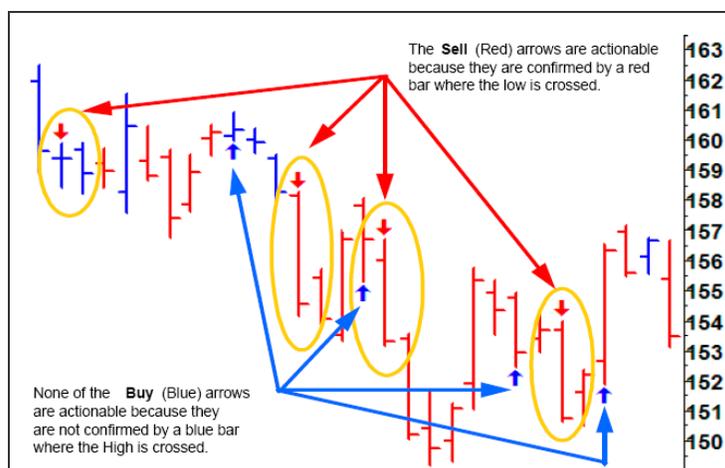
If the RMO is negative (below zero) the indications are that the long term / primary trend is DOWN. In this situation, we look for Red Sell arrows with Red bars to put on short trades.

SwingTrd (Indicators & Expert)

This module detects multiple swings within a trend. The indicators, SwingTrd 2 and SwingTrd 3 are plotted in the same window. When they intersect (cross), it can result in a potential trend change as that is where strength is building or dropping for the stock. This can be easily detected by the RMO Expert which places *red* (Sell) or *blue* (Buy) arrows on the price chart at these points.

Sentiment Detector

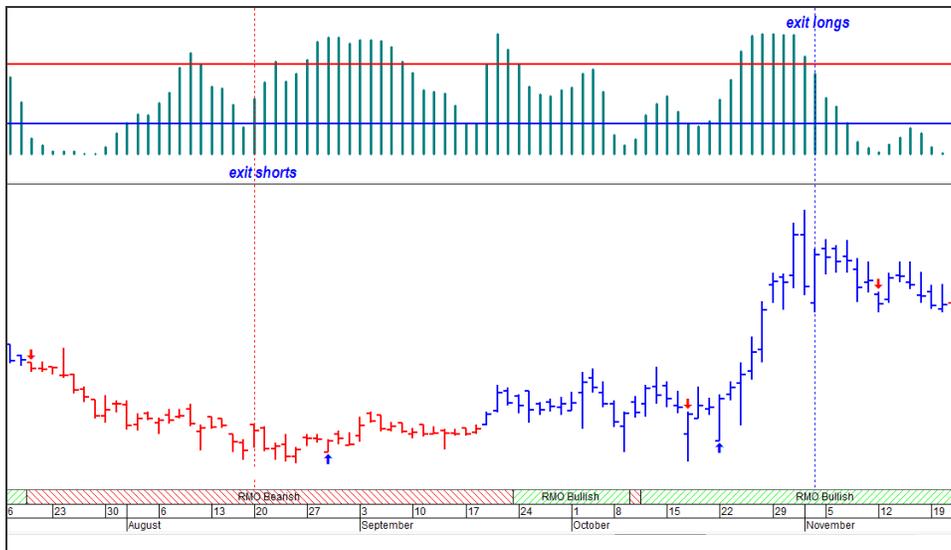
This RMO expert also colors the OHLC chart bars *red* (bearish) or *blue* (bullish) indicating the prevailing sentiment. When the SwingTrd 2 indicator goes above or below 0, it is an indication of trend change or breakout; this can be easily viewed as Red and Blue bars once the RMO Expert has been applied. A more confirmed interpretation is to expect strength when the high of the first blue breakout bar is crossed and weakness when the low of a first red down breakout bar is broken.



Exit Swing Indicator (ESI)

This module is used only when registering a profitable trade; it can help us detect a trailing stop loss and also works well as an exit mechanism.

Only after you have entered a trade and are profitably into an established trend, should you use the ESI. When the EXIT Swing Indicator leaves the over-bought region (ESI goes below 75) consider exiting longs below the low of that bar. Likewise consider exiting a short trade above the high of the bar when the ESI exits the oversold region (ESI goes above 25 level). Refer to the illustration below



TRADING STRATEGIES

Below are two possible setups for using the RMO as a trading indicator. Although both setups are designed for indicating buys, the logic can be reversed to indicate sells.

“RMO 3D Buy” setup

- Blue Buy Arrow : SwingTrd Up Crossover indicating Short Term positive signal
- BLUE Color bars : Indicates Medium Term Positive Sentiment as SwingTrd2 above 0
- RMO > 0 : A positive RMO indicates a bullish Long Term / Primary Trend is in place

This setup is a strong buy trade as the primary trend is up (positive RMO), coupled with a buy arrow and blue colored bar(s) which clearly indicate bullish sentiment.

As we are trading in the direction of Primary Trend (RMO), the RMO 3D Buy setup is fairly reliable.

“Aggressive BUY Breakout” Setup

- Blue Buy Arrow : SwingTrd Up Crossover indicating Short Term positive signal
- BLUE Color bars : Indicates Medium Term Positive Sentiment as SwingTrd2 above 0
- RMO < 0 : A negative RMO indicates a bearish Long Term / Primary Trend

With this setup we are essentially expecting that the immediate market sentiment will turn positive as we see the bars change to a blue color and the short term buy arrows show up. However, as the primary trend

(RMO) is still negative, we are not too hopeful on such trades. In the event you evaluate the stock to be highly potential / at a key support you may opt for smaller buy trades or go in with a covered strategy, or just buy “call” options.

Notes:

- There are users that trade on any one indicator signal at a time; for example, you could just be using the RMO or only using Bar Colors.
- Whenever taking a Trade, place a STOP at the nearest support or at least a few points below the level marked by the SwingTrd buy arrow. Usually a 5 bar high / low is a good starting point to place stops.
- The RMO Explorations can scan and further help you detect instruments that have fresh opportunities, whether with a new Blue/Red bar or a SwingTrd Buy/Sell signal.
- Those with the RMO ATM add-on we only suggest using the more powerful RMO Integrated Buy / Sell Explorations. This scan will help you find those symbols where all 3 signals (Bar Color, Arrow and RMO) align together. ATM Subscribers also get access to the ATM PowerScreener which will auto detect when all 3 signals sync in for the first time!

Scanning for New Opportunities on the inbuilt RMO :

The RMO is one of the most popular systems inbuilt in MetaStock and we all want a scan that not just integrates the 3 elements (Blue Bar, Buy Arrow, and RMO positive) but also detects signals that are more potential, in simple words the “First Breakout” as Rahul calls it.

Insert the “RMO” study on you PowerScreener page and you shall get Alerts where you shall get a ready list of all the signals. So be it a new bar color or an arrow, or just a regular RMO 3D signal they will all be spotted for you without any manual effort. **What’s best is you will also see two Up / Down “Arrows” in front of the RMO 3D Buy / RMO 3D Sell text indicating it the signal is potentially a fresh / first breakout.**

The illustrations below further help you understand the concept...



The ATM RMO comes to you in the form of an expert and template that aims at even further refining MetaStock's inbuilt RMO Trade Model. Rahul often refers to this as the "SuperFilter" as it's designed to work as an additional filter to the RMO.

There are times where markets congest into ranges; this often creates whipsaws and sideways patches that at times cause the RMO to go below and above zero in quick succession. Not only is this confusing but also a test of nerves to accept such sudden trend changes.

With the new ATM RMO Template the bar colors get shaded Light Blue (moderately bullish) or Blue (bullish). Likewise when in a negative trend it shades the bars Orange (for moderately bearish) or Red (bearish).

Simply put the ATM RMO works as a super filter giving you a more confirmed viewpoint than ever. As you see in the illustration below it often gives you an early indication, and also has the ability to smoothen out signals.



Scanning for new opportunities "ATM RMO – SuperFilter" via the ATM PowerScreener

We highly recommend using the ATM PowerScreener app for all your scanning needs / opportunity detection. It can work to a custom list and time interval of your choice, and above all make the process hands-free and also save you lots of time.

All you need to do is add the “ATM RMO SF” indicator to your PowerScreener page and you can further Edit / customise the colours / interval etc. The cell colour indicates the colour of the SuperFilter and the text appears if there is a new Signal / Shift in the trend. The illustration below would help you get well acquainted...

The screenshot shows the ATM PowerScreener application interface. On the left, there is a table of stock symbols and their corresponding values. The 'ATM RMO SF,15M' column is highlighted in blue, indicating a new signal or shift. The 'Edit Columns' dialog box is open, showing the configuration for the 'ATM RMO SF,15M' indicator. The dialog box includes options for the indicator name, interval (15 Minutes), title, and text color. It also has checkboxes for 'Compute on close', 'E-mail alert (Breakouts only)', 'Voice Alert for Breakouts', and 'Voice Alert for Shifts'. There are color selection boxes for 'ATM RMO SuperFilter+ Color', 'ATM RMO SuperFilter++ Color', 'ATM RMO SuperFilter- Color', and 'ATM RMO SuperFilter-- Color'.

Symbol	LAST,D	ATM RMO SF,15M
LBTYA.O	28.52	DOWN BREAK
CHRW.O	90.27	DOWN BREAK
DISH.O	42.74	DOWN BREAK
JD.O	77.17	UP BREAK
AKAM.O	112.40	UP SHIFT
.NDX	15515.91	
AAL.O	19.89	
AAPL.O	148.79	
ADSK.O	290.68	
AMAT.O	144.09	
AMZN.O	3488.24	
ATVI.O	79.28	
BIIB.O	299.69	
CMCSA.O	57.28	
COST.O	463.31	
DISCA.O	26.99	
DLTR.O	89.27	
FISV.O	108.55	
FOXA.O	37.33	
ILMN.O	449.92	
INCY.O	75.04	
KHC.O	36.54	
KLAC.O	372.02	
LRCX.O	615.85	

Scanning for new opportunities "ATM RMO – SuperFilter" via the Explorer

For those more comfortable manually scanning using the Explorer, you can run the exploration titled "ATM RMO Super-filter". This scan pertains to the Super-filter / "ATM RMO" chart style template. This study aims at refining the RMO signals by painting the bars ORANGE / RED if Bearish and BLUE / LIGHT BLUE if Bullish. This explorer aims at helping you focus on stocks that have had a BREAKOUT / SHIFT in the trend using these bar colors.

UPSHIFT means a move from Light Blue to Dark Blue

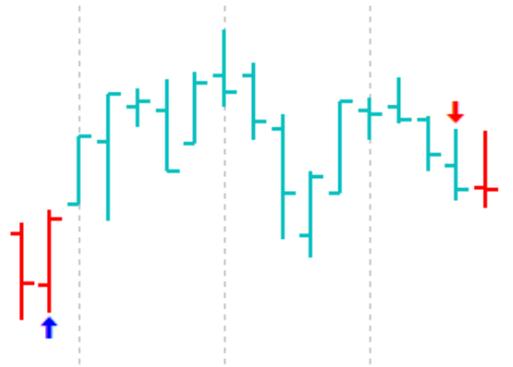
DOWNSHIFT would mean a move from an Orange to Red

UPBREAK or DOWNBREAK indicate where you have a new signal

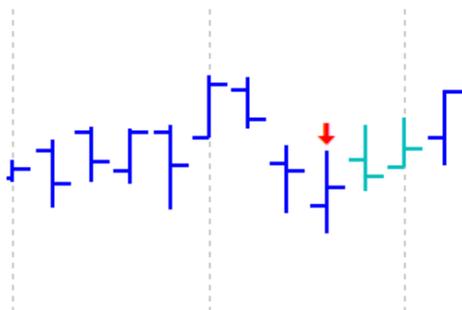
An example of each of the above setup can be seen on the last bar of the 4 illustrations below:



UP BREAK



DOWN BREAK



UP SHIFT



DOWN SHIFT

ATM BreakoutCatcher

The ATM Breakout Catcher solves the direction puzzle straight out. It auto interprets if the market is in a Bullish, Bearish or Neutral phase.

Notice in the illustration, the study paints the bars in BLUE, RED or KHAKI color. BLUE indicates strength RED weakness and KHAKI suggests indecision or a possible phase of transition.

You can detect trend changes accurately without much of a lag effect using this indicator.

BLUE bars suggest strength and this makes us trade on the long side. As the trend develops and gets stronger and stable the price bars continue to stay BLUE. The continuous BLUE bars indicate the stock is still in bull grip; however every single BLUE bar should not necessarily be interpreted as a buying opportunity.

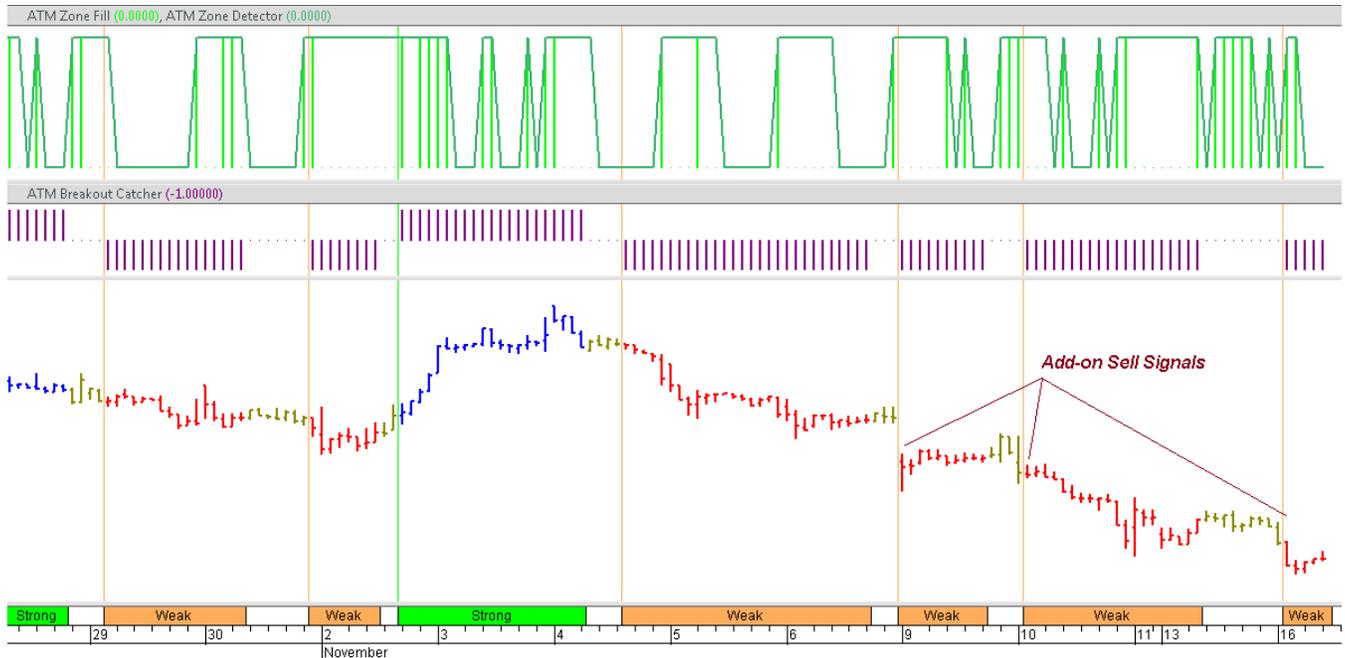
A KHAKI color bar would indicate that the stock has corrected in terms of price / time from its existing trend and hence signifies that the stock has entered Neutral mode, however based on this change in color we would not take a fresh trade. Aggressive traders may like to use this Neutral mode innovatively to put on trades with a smaller risk and expect a greater reward.

The RED bars indicate weakness and implies we should be trading on the short side. As the trend gets weaker and prices continue to decline you will often notice that the bars stay consistently RED. The continuous RED bars indicate the stock is still in bear grip; however every single RED bar should not necessarily be interpreted as a selling opportunity.

The ATM BreakoutCatcher model is backed with an Exploration as well as live PowerScreener, that can auto detect new trading opportunities and interpret the trend with ease. The PowerScreener operations have been detailed further in the manual, using this you could even get live voice and email alerts for new breakouts.

When we see a new BLUE bar (after KHAKI), it indicates the possibility of an up breakout. This is an indication of strength and hence we could go long, preferably a few ticks above the high of the breakout bar.

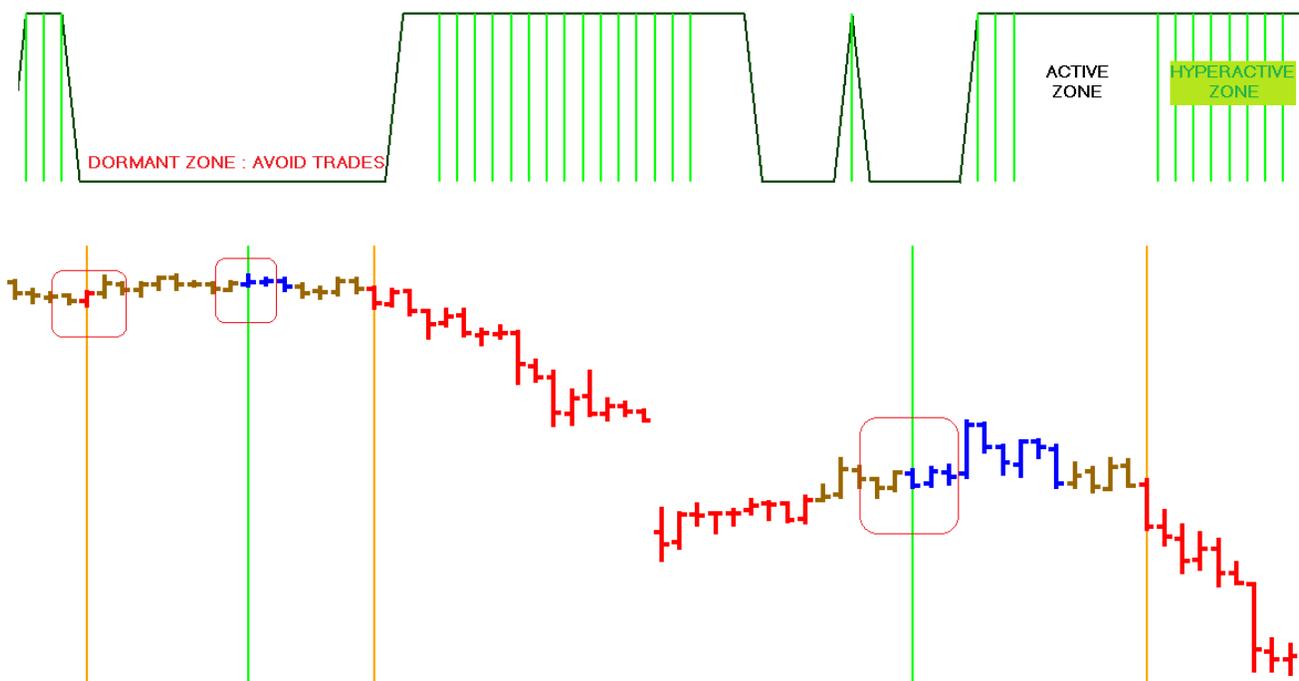
However **greater weight should be given to first breakouts** – this means if we get a buy signal after a triggered sell or a downtrend it should be considered more significant; however if we get a buy signal after a Neutral / KHAKI phase, it suggests that we are in an already triggered uptrend and a continuation of the existing trend is likely. The illustration clearly explicates this...



To ease interpretation and to enhance your visual experience, a lime green colored vertical line is plotted automatically to signal Bullish Breakouts. An orange colored vertical line is marked on Bearish breakouts. You could also refer to the Ribbon on the X axis which is marked as Strong or Weak.

Whilst it is essential to know which signals are more relevant than the other, active traders also want to ensure that you don't land up trading in a phase of "dormancy" or in a phase characterized by a sideways / low price and volume action. This is why it's recommended to reconfirm ATM BreakoutCatcher signals with the ATM ZoneDetector & Zone Fill.

If the Zone is positive (i.e. at a value of +1) it indicates fair price-volume activity is in place. In addition if you see a lime coloured histogram within (Also referred to as Zone Fill), it indicates strong price volume action or hyperactivity. Trading for breakouts in active / hyperactive phases usually increases our odds of a successful trade, as it is typical to see robust price action post this.



Listed below are key pointers in a BUY setup:

- ATM Breakout Catcher plots a Blue Bar & Vertical Line on the chart
- ATM Zone Detector is Positive (Active / Hyperactive)
- Buy above the high of the breakout bar, as this is the simplest test of strength.

Important Notes

- If the ATM ZoneDetector is hyperactive i.e. has a lime coloured histogram, it adds further significance
- If the ATM ZoneDetector is at 0, consider ignoring the signal as there is a possibility of getting caught in a sideways / dormant zone.
- When going long, place a stop loss at a key support level. The stop / support level must be lower than the low of the breakout bar.
- To place stops mechanically, use the low point in the last 3-5 bars or wait for a sell to trigger to stop out.
- Exit partly on achieving a financial goal and finally when a sell setup triggers.

Listed below are key pointers in a SELL setup:

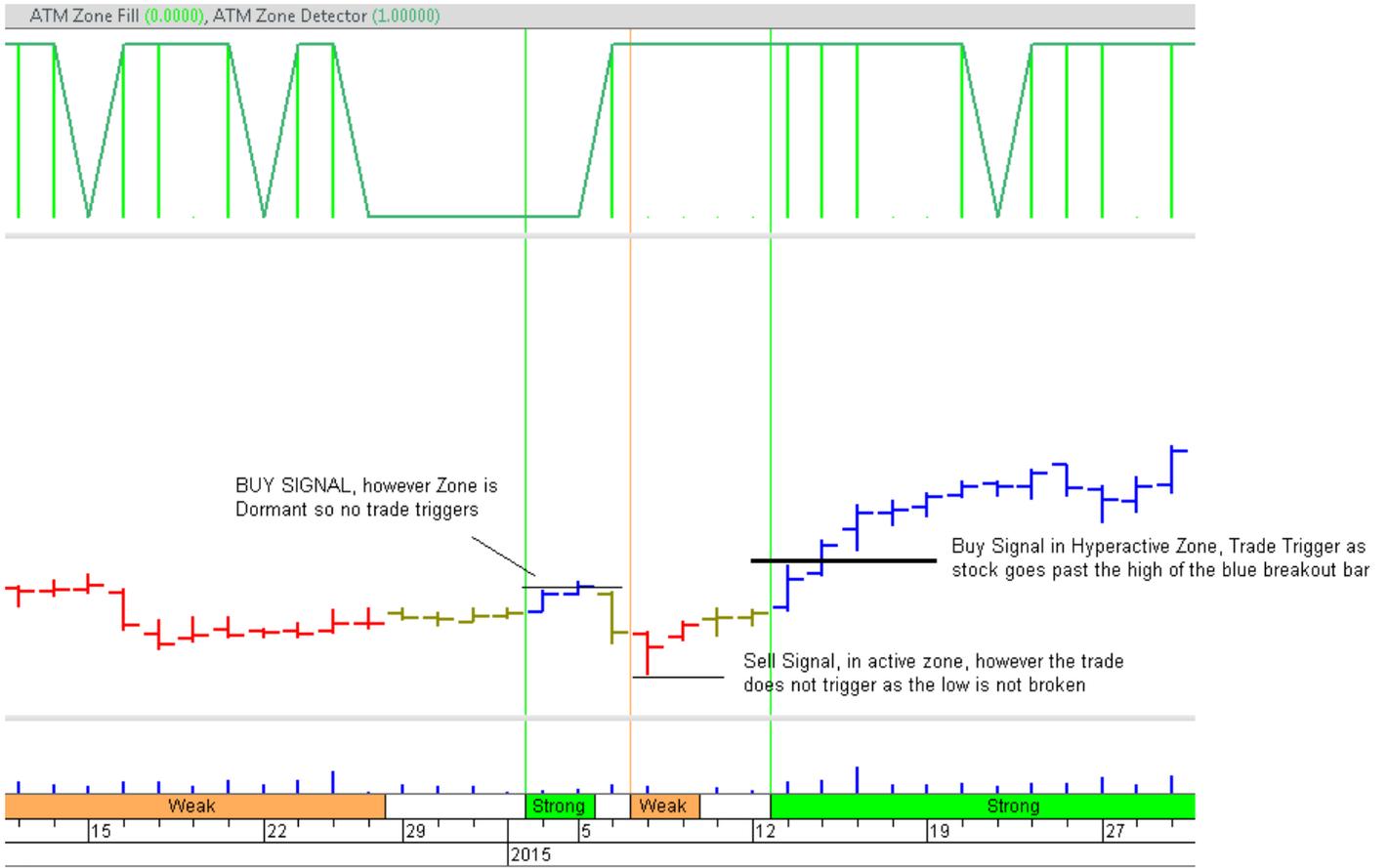
- ATM Breakout Catcher plots a Red Bar & Vertical Line on the chart
- ATM Zone Detector is Positive (Active / Hyperactive)
- Sell below the low of breakout bar, as this is the simplest test of weakness.

Important Notes

- If the ATM ZoneDetector is hyperactive i.e. has a lime-coloured histogram, it adds further significance
- If the ATM ZoneDetector is at 0, consider ignoring the signal as there is a possibility of getting caught in a sideways / dormant zone.
- When going short, place a stop loss at a key resistance level. The stop / resistance level must be higher than the high of the breakout bar.
- To place stops mechanically, use the high point in the last 3-5 bars or wait for a buy to trigger to stop out.

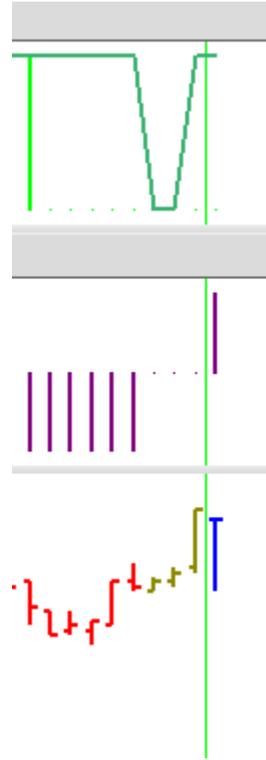
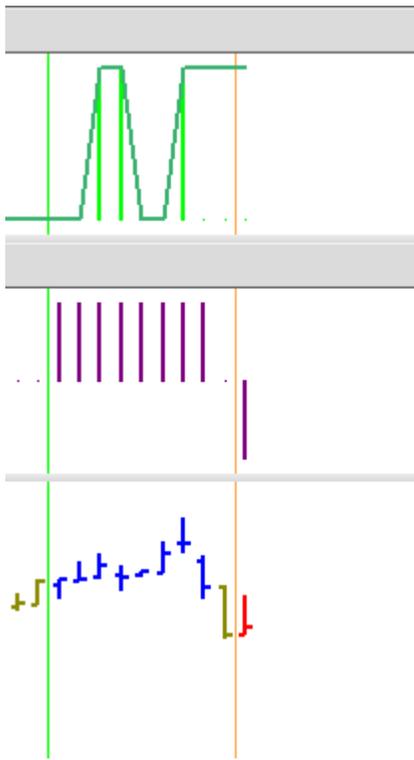
- Exit partly on achieving a financial goal and finally when a Buy triggers.
- It is recommended you use the ATM Breakout Catcher style template provided, as this auto plots the ATM Breakout Catcher indicator and expert, as well as the ATM Zone Detector.
- If you are loading the indicators manually then we suggest you plot the ATM Zone Detector indicator, ATM Breakout Catcher indicator, and also attach the ATM Breakout Catcher Expert to the chart.

The illustration below puts some of the above inputs into perspective...



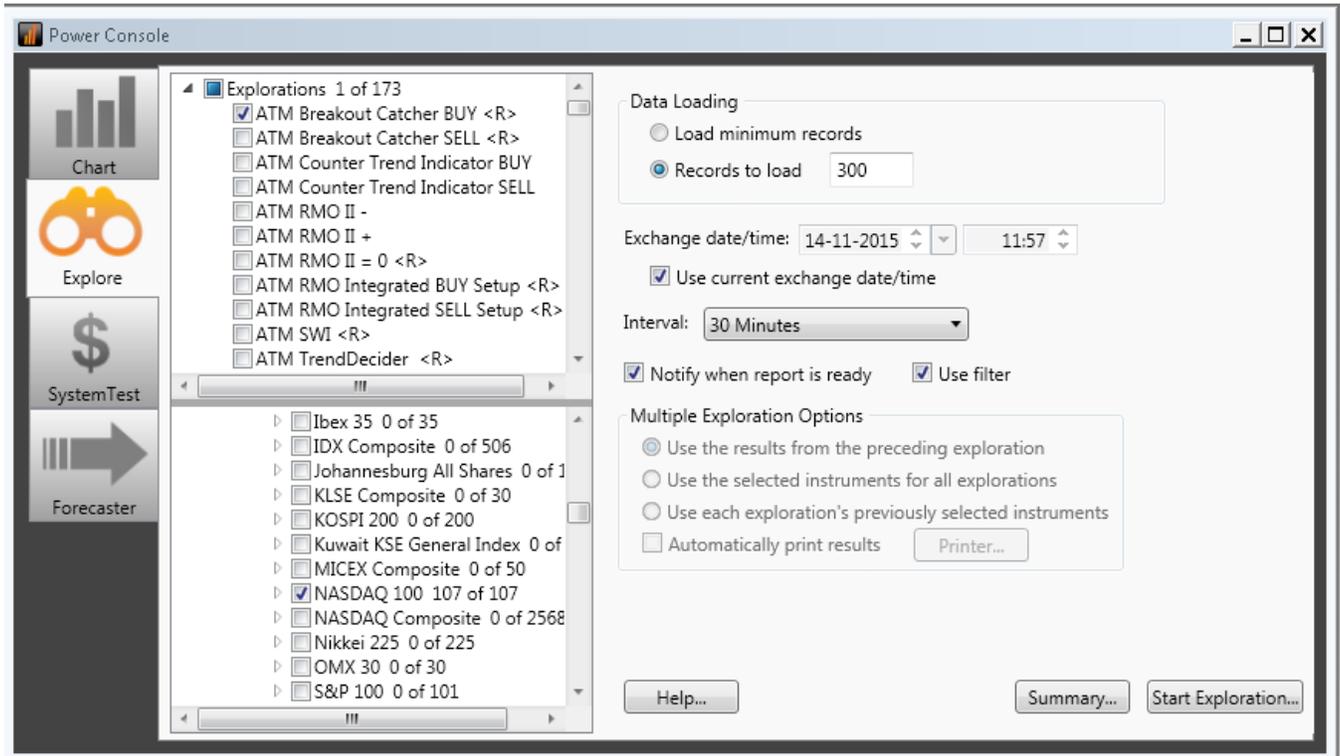
ATM Breakout Catcher Basics

The PowerScreener scans for new BreakoutCatcher signals with absolute ease, simply add the "ATM BC" column in your PowerScreener page. Often there may be a fresh Breakout that gets validated a few bars later with the Zone getting Active / Hyperactive later. However, if you are looking for a synchronized signal, you may add the "ATM BC Sync" study to identify where the Breakout Catcher and Zone Detector indicators combined. Hence you'd get a Buy or Sell only when both are in Sync!



Scanning for new ATM Breakout Catcher opportunities via the Explorer

To scan for new ATM Breakout Catcher trades you could use MetaStock's Explorer. Necessary explorations are included in the add-on, these are titled "ATM Breakout Catcher Buy" and "ATM Breakout Catcher Sell" respectively. To run an exploration in MetaStock, click on the Power Console – Explore – Select the scan you wish to run – Select the group across which you wish to run the scan – Start Exploration

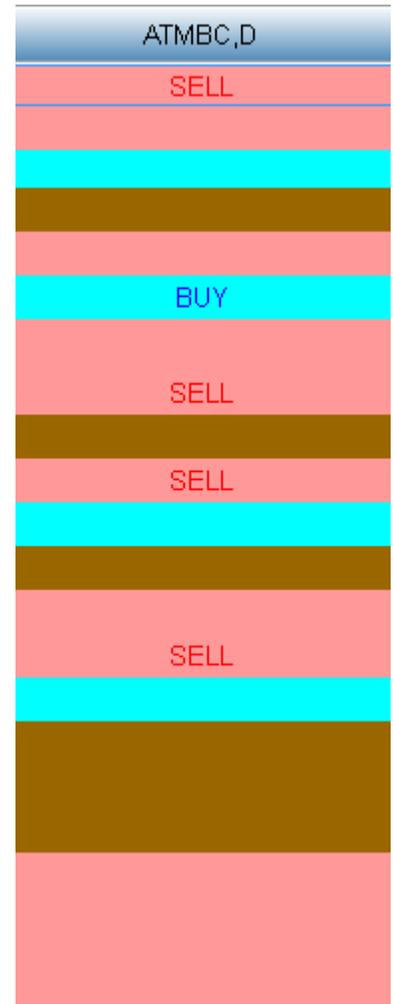
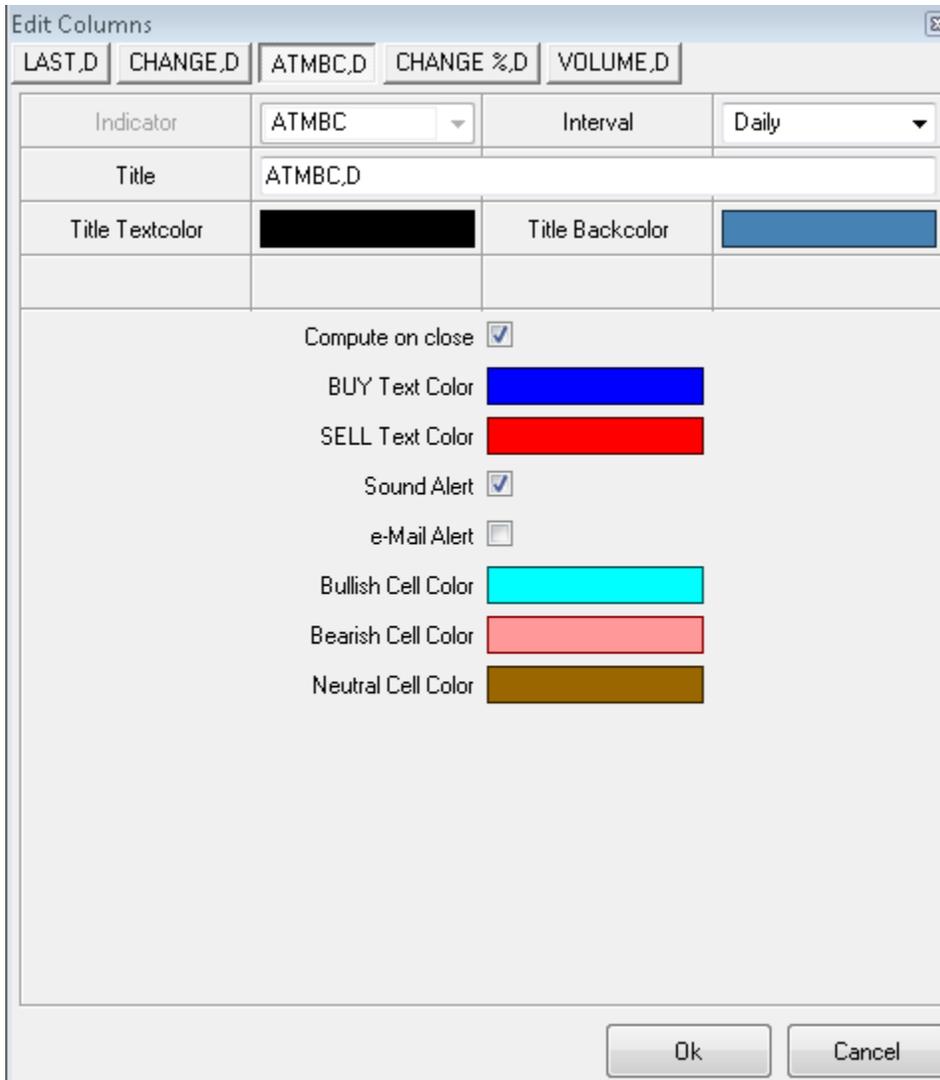


Scanning for new opportunities via the ATM PowerScreener application

Another great way to scan is using the ATM PowerScreener live market scanner. This is an automated live scanner and runs on a stock list and periodicity of your choice. What's best is it can even shoot out live voice and email alerts based on single / multiple criteria without you having to manually run a scan each time. It virtually ensures you never miss a trade!

To start, simply launch the ATM PowerScreener application from your desktop by double clicking on the icon. Once open, key in a list of symbols of choice and add a column titled ATMBC.

This would automatically detect stocks that have an ATM Breakout Catcher setup in place. Refer to the following illustration :



To access the menu illustrated above, right click on the indicator header and select “Edit Columns...”

You additionally have the option to select Sound Alerts that voice out signals, for example “Breakout Catcher Buy for....” each time a signal / opportunity surfaces.

“Compute on close” is ON / Selected by default and is advisable in most cases, as signals get stamped once the bar is completed rather than when in formation. Often by the time the bar closes it’s no more a Buy / Sell setup.

The cells background colour suggests if the Breakout Catcher is positive (blue) / negative (red) / neutral (khaki). The word BUY or SELL only get stamped when a new first / add on Breakout Catcher signal is detected.

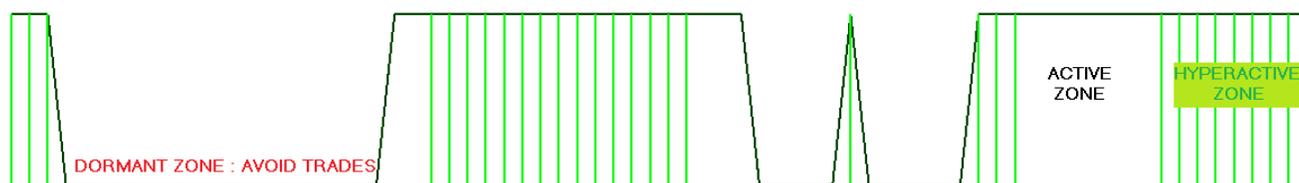
You may additionally add the ATM ZoneDetector to your PowerScreener Quote board to further refine the signal.

ATM ZoneDetector

One of the greatest fears of an active trader is the fear of getting stuck in a trade which ends up negative due to sideways or subdued price and volume action.

It is of significant importance that we detect and trade signals that are backed with both price and volume action. The ATM ZoneDetector and Zonefill does exactly this and helps us decipher which Zone we are trading in....DORMANT, ACTIVE or HYPERACTIVE

The ATM ZoneDetector lends itself as a confirmation / qualifier to all the various indicators. The Following illustration will help us understand the ZoneDetector better....



The 3 Zones defined by the ATM ZoneDetector....

Dormant Zone: When the indicator is at a value of 0 it indicates dormancy i.e. a lack of price or volume action. Hence we should avoid taking fresh breakout type trades in this zone.

Active Zone: If the ATM ZoneDetector is at a value of +1 and there is no existence of a lime colored histogram, it indicates that there is fair price-volume activity and Breakout type trades can be taken.

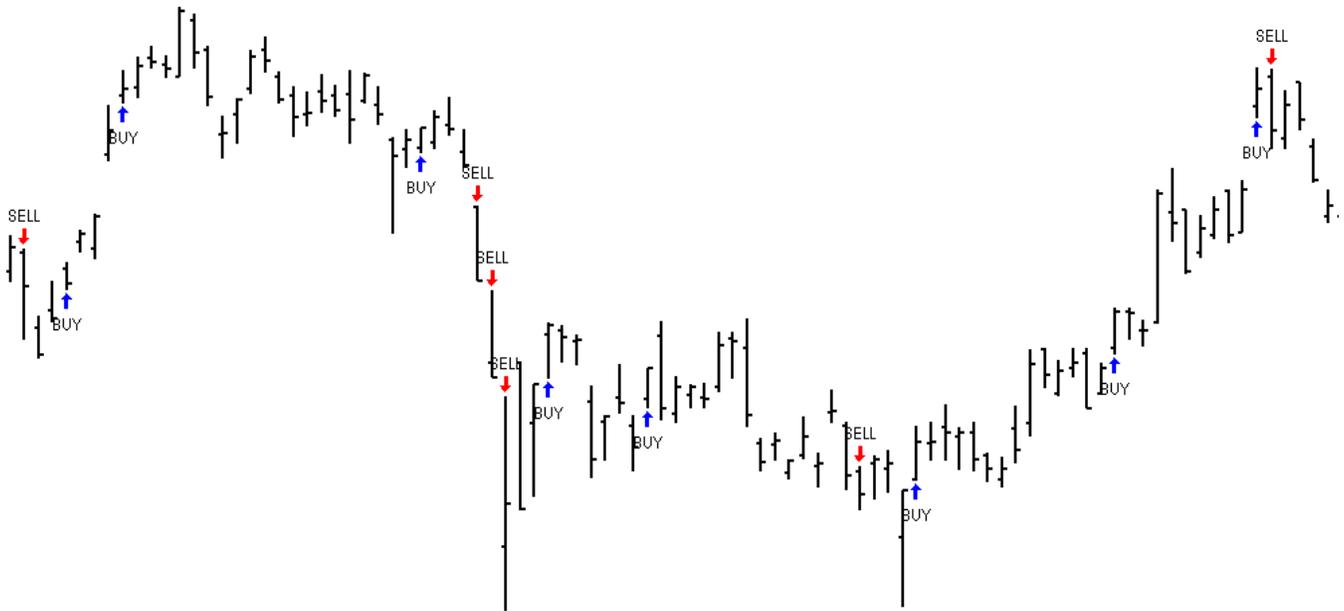
Hyperactive Zone: If the Zone Detector is positive (i.e. at a value of +1) it indicates fair price-volume activity is in place. In addition if you see a lime coloured histogram within, it indicates strong price volume action or hyperactivity.

Trading for breakouts in active / hyperactive phases usually increases our odds of a successful trade, as it is typical to see robust price action post this.

Whilst the indicator is of primary use on the Chart Window, you may choose to apply the ATM ZoneDetector to your PowerScreener Quoteboard as well, here it would display the if the stock is presently in Active / Dormant / Hyperactive zone. To add this, simply right click on the Header row – Add Column – Select ATM Zone Detector.

ATM Counter Trend Indicator

The ATM CTI (Counter Trend indicator) is designed to automatically stamp Buy and Sell signals on the chart based on price breakouts from zones of high volume and / or high volatility. It's designed to be a sharp yet automated signaling method that works best when viewed with a counter trend approach.



Whilst the other setups detect trend breakouts and try and set us into a major move, the ATM CTI is designed to provide you counter trend setups so that you can quickly identify key reversal points without much of a lag.

This is a preferred setup when trying to trade counter trend, i.e. in an attempt to pick a top / bottom. It's easy to use and comes in handy on almost any timeframe you're trading including intraday intervals as low as 3min and 5min. The indicator signals a buy or sell arrow when a price volume cluster is potentially breaking out.

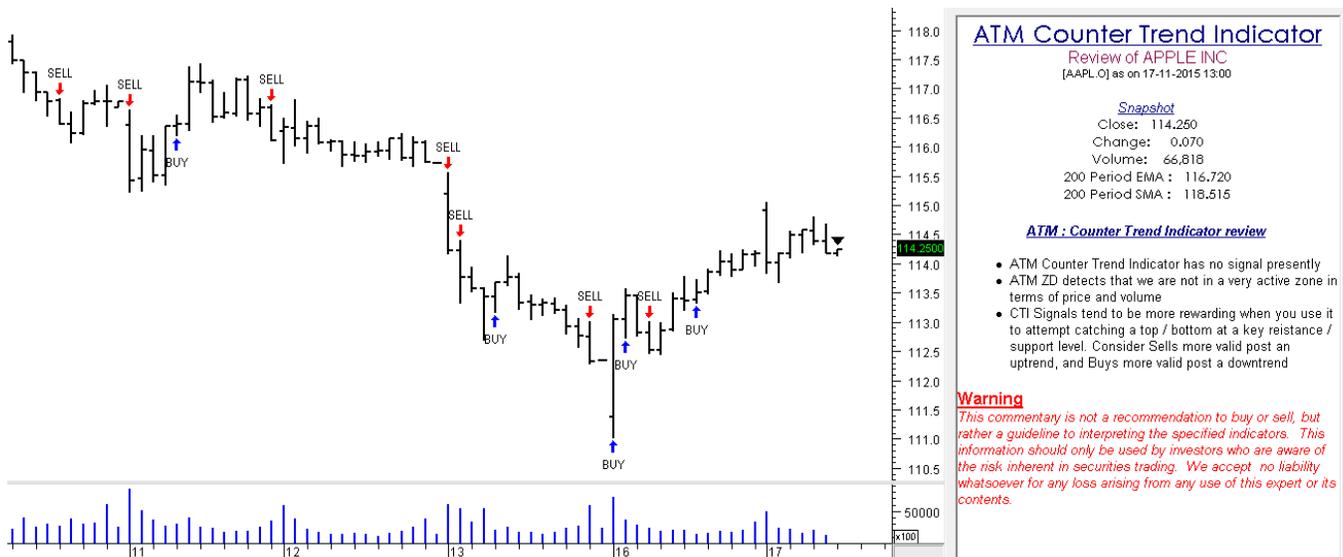
It is important to understand how we interpret and trade the ATM CTI, as we must not follow each and every arrow / signal. There will often be signals that we may need to filter and ignore. Amongst the many Buy / Sell arrows signaled on the chart, we should ideally prefer Buy signals that occur in, or are preceded by a downtrend. Likewise consider Sell signals that occur in or are preceded by an uptrend.

Finally we should trigger a Buy trade once the high of the Buy signal bar is crossed, and similarly Sell if the Low of the Sell signal bar is broken down.

Since the ATM CTI is designed to be a leading indicator, it would not be out of place to say that when a Buy signal is stamped it is highly likely that conventional trending indicators may not be Bullish or supportive. Secondly you may also notice oscillators to appear towards oversold regions (vice versa). This should not be a concern, but rather a confirmation that a genuine counter trend Buy trade is in place.

A subsequent Buy arrow after an already triggered Buy arrow is only showing follow up and further breakout – we need not act on the 2nd buy arrow onwards as you are already long into the trade.

To help filter out the signals on the above lines you could use a simple 20 period moving average and give greater weight to the first buy signal which is usually around or below the average. Likewise focus on the first sell after an uptrend, usually at or above the moving average. To further reconcile, you can even refer to the Expert Commentary for clarity. If the expert is already attached, simply right click on the Chart – Expert Advisor – Commentary.



Placing Stops & Targets

- ◆ Place a Stop loss at a key support level (this level must at least be lower than the low of the bar preceding the Buy signal).
- ◆ To mechanically place a stop, use the Fibonacci Retracement tool on the bar where you get an arrow. If a buy arrow click on Fib Retracement and click from the Low to the High of the bar, and consider placing stops past the 161.8% level (vice versa for Sell)
- ◆ Frame up an exit strategy based on money management. Use a Risk : Reward > than 1:1.5 and work your way up. You could also wait for a sell setup to trigger, to fully exit a long trade

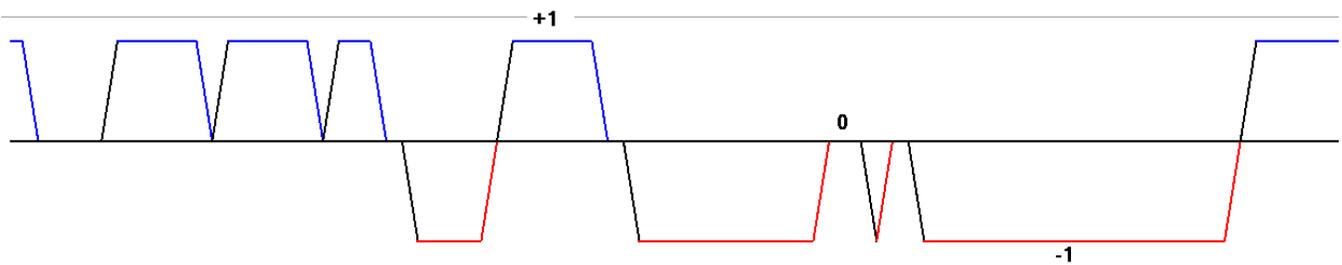
To help you detect new trading signals simply run the “ATM Counter Trend Indicator BUY” or “ATM Counter Trend Indicator SELL” explorations that are provided.

You could also further enhance and automate the scanning by using the ATM PowerScreener, which would stamp Buy and Sell signals for you as they occur, on any set of stocks / interval you choose. To add the indicator to a PowerScreener Quote Board, right click on the header row, Add Column – Select “ATM CTI”

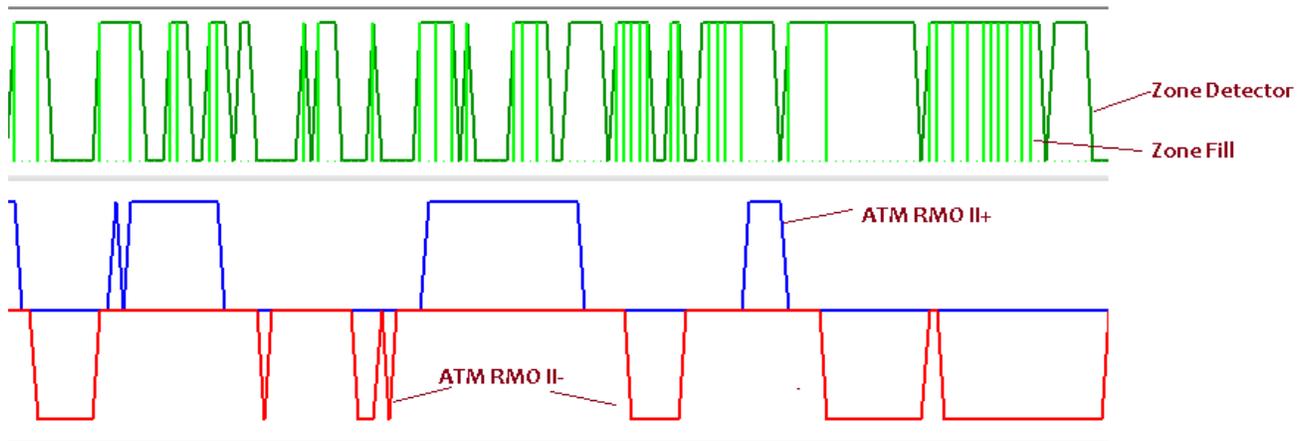
ATM RMO II+ and ATM RMO II -

The ATM RMO II is multi-faceted, it not only identifies the current established trend, but also lets you tactically detect trading opportunities that fit your trading style. The Options trader too would find the ATM RMO II exceptionally helpful as it would help Buy Call Options in a falling market and Put Options in a Rising market!

When the ATM RMO II+ is positive (Blue in color and at a value of +1) it indicates strength. Likewise if the ATM RMO II- hits a value of -1 in Red color it suggests weakness. The illustration below shows both the ATM RMO II+ AND ATM RMO II- plotted in one window.



To start with, we would recommend you use the “ATM RMO II” Style Template we’ve provided (Illustration below). To apply, simply right click on the chart – click on apply template – and select ATM RMO II.



The RMO II indicators can also be strategically used for trading Options, which not only can protect your risk but also work as a money multiplier in terms of profits.

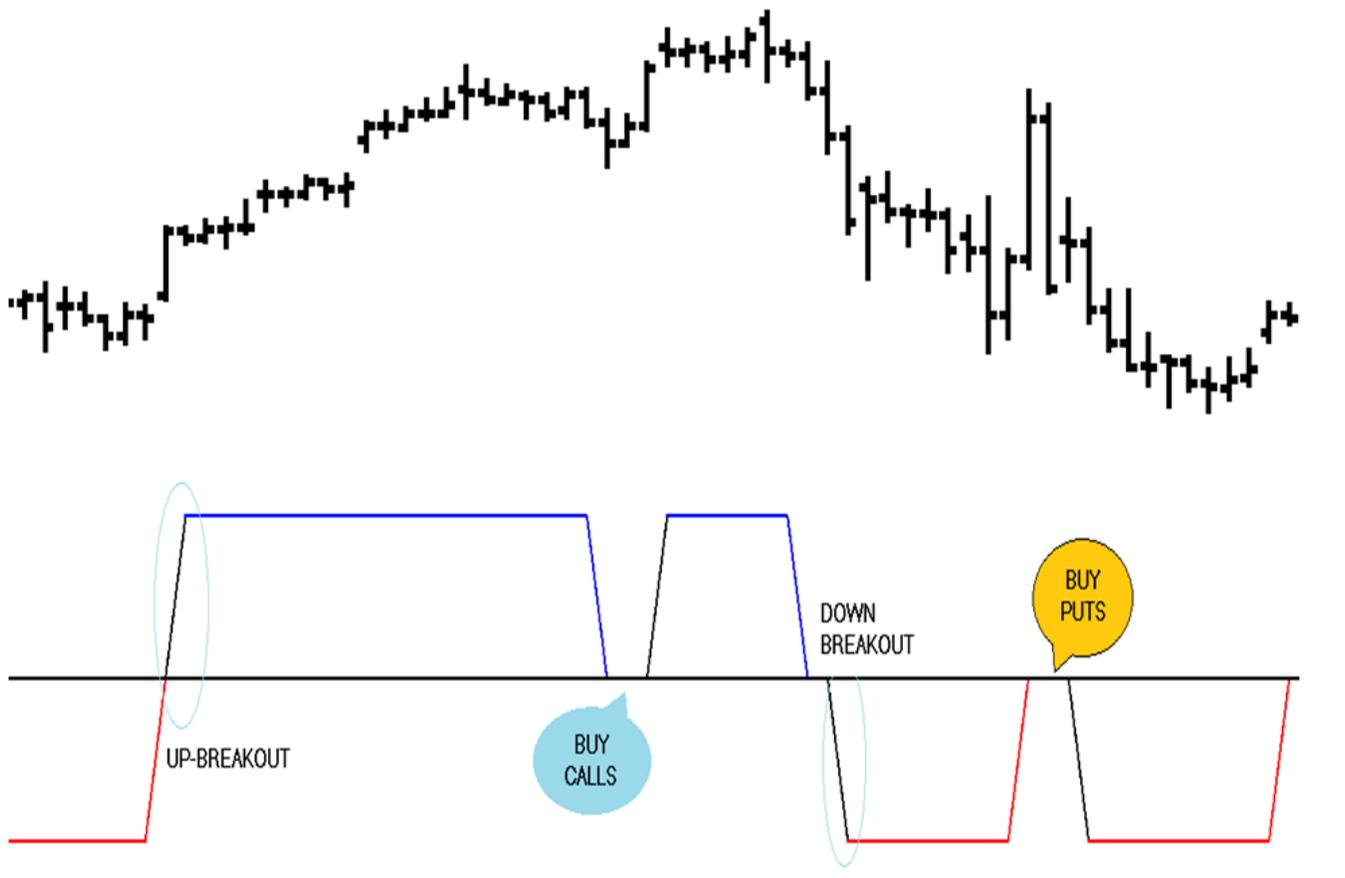
When the ATM RMO II goes positive (from a sell zone / downtrend or 0 level) one could initiate long trades above the high of the bar. The ATM ZoneDetector being positive (Active / Hyperactive) at this time, does provide additional confirmation to the signal.

Similarly for a sell signal, we must wait for the ATM RMO II indicator to become Red in color and drop to a value of -1, once this occurs consider short selling below the low of the bar. Here too, the ATM ZoneDetector could be an added confirmation.

Once the ATM RMO II+ pulls back to 0 from +1, consider taking a long Options strategy as the stock has paused / cooled off from higher levels. Since the stock has been correcting down one is likely to get Call options at a fairly attractive level turning the risk : reward odds much in your favor. You can even work to well-known options strategies like Bull Call Spreads or Strangles based on your risk : reward profile.

After the Blue ATM RMO II pulls back to 0 from +1, you'll notice that typically the stock bounces up to new highs after making a temporary bottom. This bounce up to new intermediate highs typically takes 5 to 20 bars in terms of time.

Likewise, when the Red ATM RMO II pulls back to 0 from -1, it's a point where we could Buy Put Options or implement Bearish Options Strategies. Here too the expectation is that the stock would fall to new intermediate lows in a short span of 5 to 20 bars.



To help you detect new trading signals simply apply the **ATM RMO II explorations that are provided**. These are titled as follows...

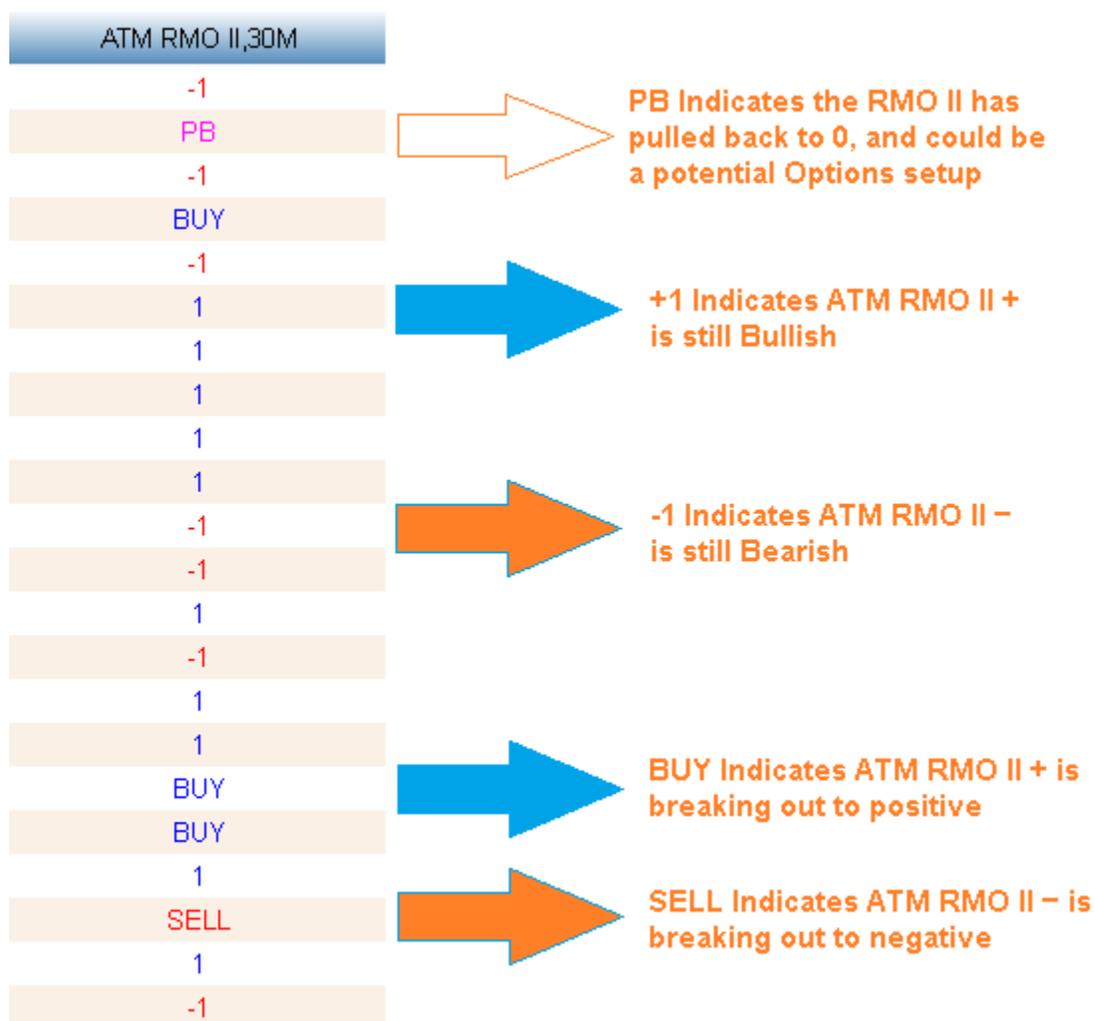
ATM RMO II + : This would give you a list of stocks where the indicator has just entered or re-entered +1. Make sure you use the filter; else you will get a list of stocks that are and have been positive for some time.

ATM RMO II -: This would give you a list of stocks where the indicator has just entered or re-entered -1. Make sure you use the filter; else you will get a list of stocks that are and have been negative for some time.

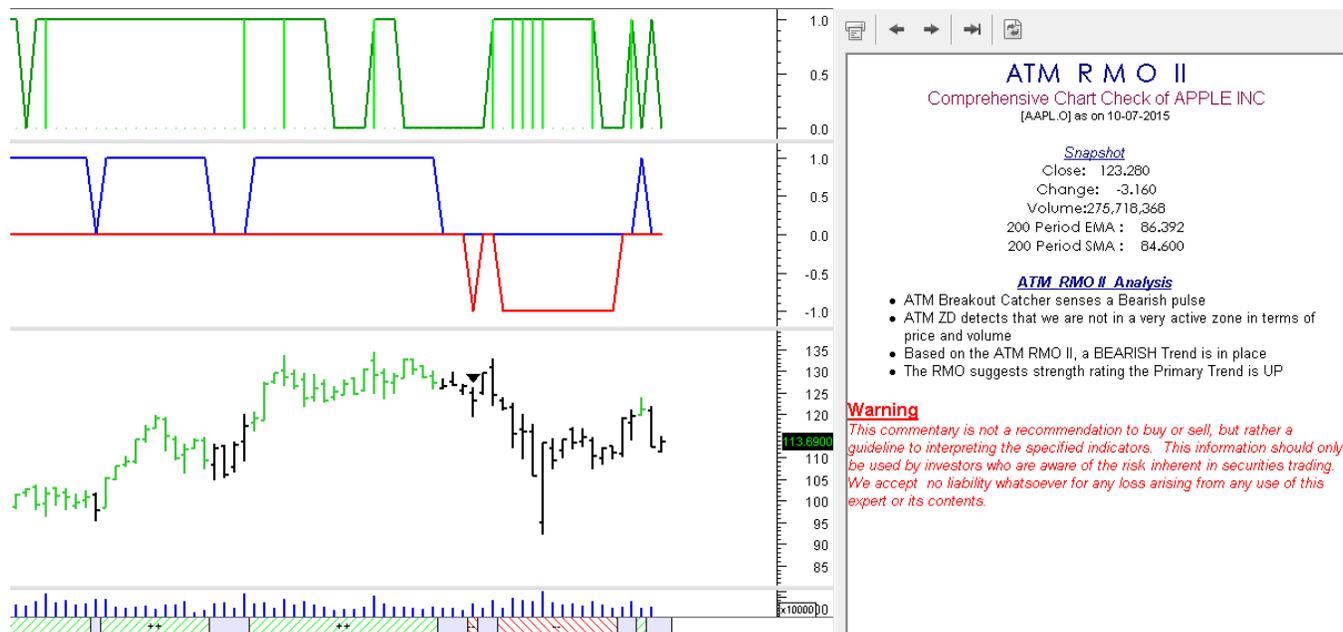
ATM RMO II = 0 : This shortlists stocks where the RMO II has pulled back to 0, Option traders could specifically benefit from this scan.

The PowerScreener surely does a superior job at scanning for new ripe opportunities. Applying one single "ATM RMO II" column you would get alerted for Buys, Sells and even Pullbacks!

What's best is it would run on a custom stock list and chart intervals that you desire. Better still, you need not even manually run explorations, as it keeps scanning live!



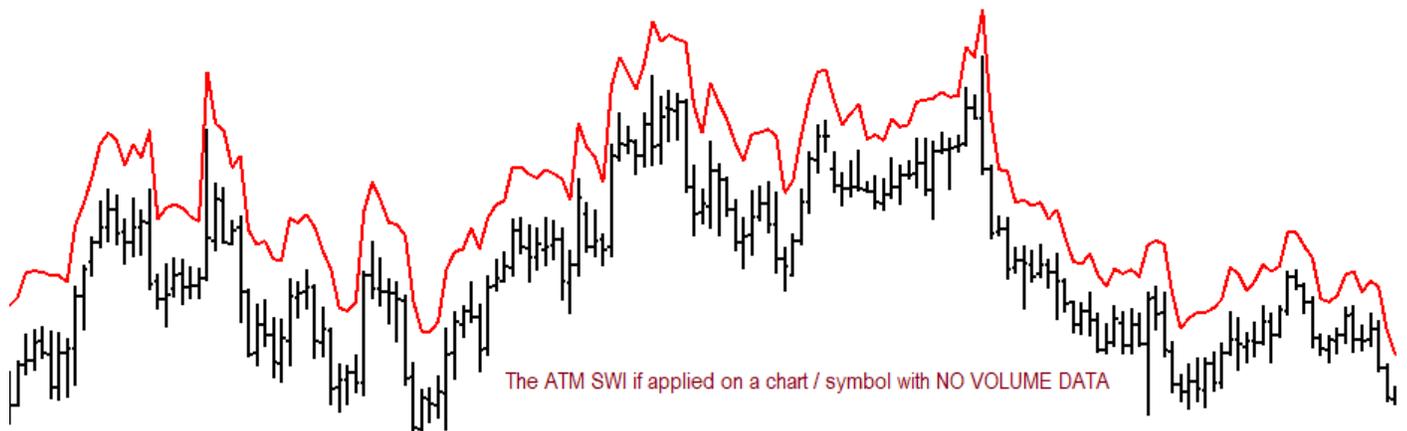
To top it all we have also included a meaningful expert titled ATM RMO II, which in addition to bar colors and a trend ribbons, provides you expert commentary that would help understand the technical setup better.



ATM Strength Weakness Index (ATM SWI)

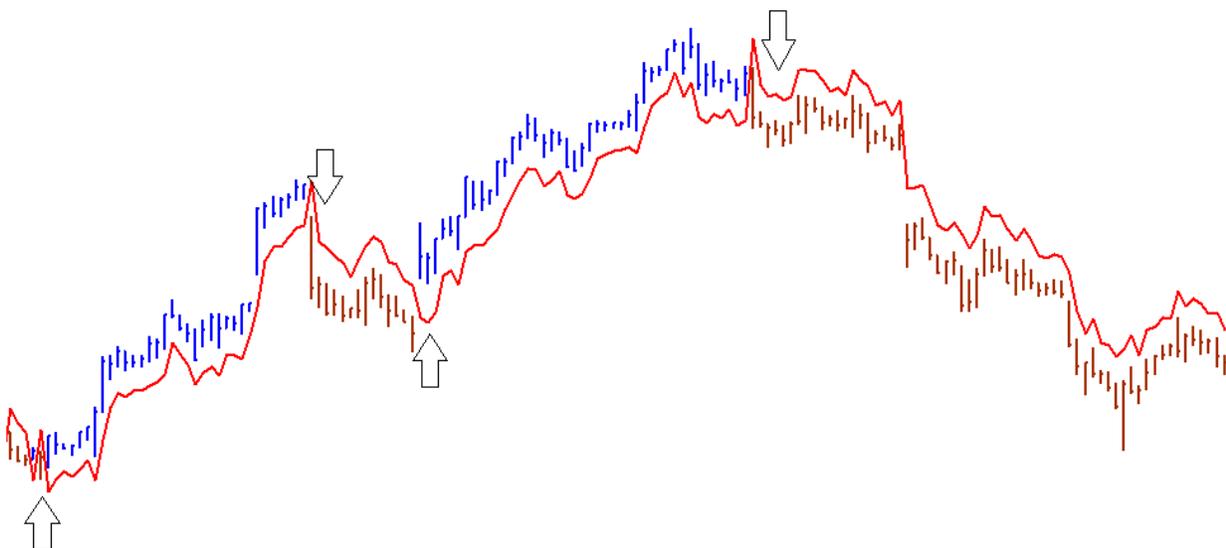
Whilst many indicators work purely off price and detecting trend change on price breakouts, the ATM SWI works more diversely i.e. by essentially factoring in the volume component. Hence the ATM SWI uses volume as an essential ingredient which makes it an excellent indicator to gauge Strength and Weakness.

On the flip side this also means, that while interpreting the ATM SWI we need to look at symbols that specifically offer volume data. At times we may be looking at an Index or Forex symbol which does not carry volume data; here the SWI would plot incorrectly (typically a red parallel line running above the highs)



When price closes above the SWI line it indicates strength, likewise when price closes below the SWI line it suggests weakness or a potential shorting opportunity.

The SWI updates dynamically in real time with every tick of price and volume. When you see a Red Line above the price bars it indicates weakness as the close is lower than the SWI Line. Similarly a Red Line below the Price bars suggests strength as the close is higher than the SWI Line. Hence the optimal point to consider trend change is when the Price goes past (i.e. closes past) the SWI Line for the first time.



A second way to use the SWI, is to utilize corrections in an established trend as re-entry opportunities. During the pullbacks (typically 3 or more correcting bars) in an already established trend, we could consider areas of support or counter trend signals as re-entry or mid-trend entry opportunities.

Last but not least you may like to use the ATM SWI as a filter to regular Breakout strategies which typically use price data and not volume data. The ATM SWI blends in the volume aspect to the trend and this often creates all the difference.

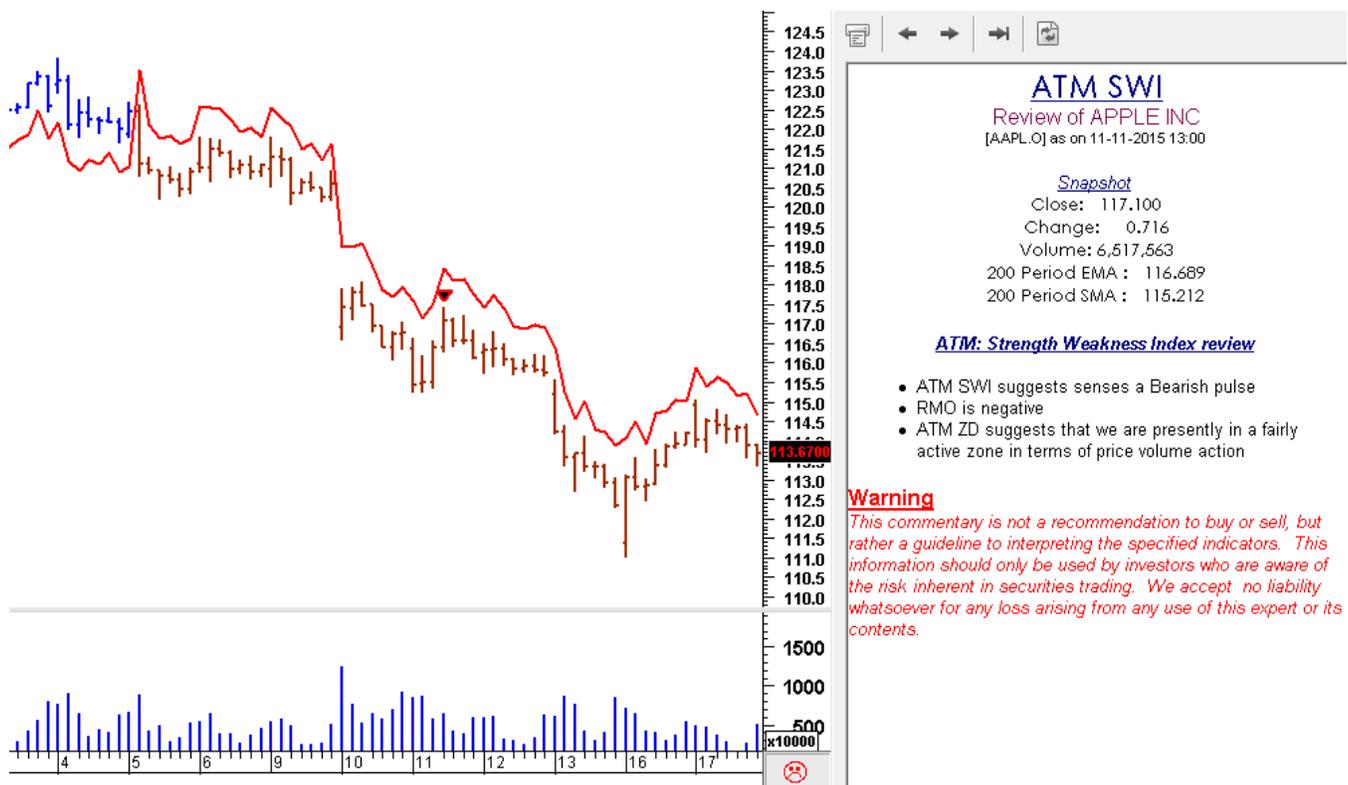
In all cases use the ATM SWI level as your stop, whilst this level is dynamic, you may consider the Signal Bars value (with a nominal filter), as your initial trading stop.

Also included is an ATM SWI Exploration to manually scan for signals inside MetaStock. This is the preferred way to scan for new ATM SWI type trades.

The ATM SWI is also provided as an indicator in the PowerScreener which auto detects trend change opportunities by stamping Buy & Sell signals automatically and in real time. You also have the ability to set voice and email alerts.

For the ATM SWI, the best way to scan for signals is using the Explorer provided. For those looking for live real time trading signals, use the ATM SWI PowerScreener. The PowerScreener would display values of the ATM SWI indicator, note if the value is in a blue color it indicates the symbol is already in bullish mode and the SWI line is below the price bars. The PowerScreener will also stamp a "BUY" or "SELL" if there is a new signal in place.

Also included is an ATM SWI Expert which shades the bar colors Red or Blue based on the indicator. Secondly the meaningful commentary would fully ease out the interpretation process.



ATM Trend Decider Suite

The TrendDecider Suite comprises of a set of 3 chart indicators viz....

Trend Decider Daily

Trend Decider Monthly

Trend Decider Weekly

The Objective of the TrendDecider suite is fairly simple, which is to give you single levels of Support / Resistance plotted on your price chart, which when broken out should result in a change in trend. As the name suggests the level plotted is the deciding factor and denotes if the trend is “Bullish” or “Bearish”

One of the clear cut advantages of using the Trend Decider tools is the fact that it allows you to integrate multiple timeframes onto one single interval chart giving you a more holistic view of the trend!

What’s further interesting is the fact that these levels stay the same despite you using any timeframe / interval. For example you may use a 5min chart or a 30min chart, the Trend Decider level displayed would be the same for the entire specific day. This is because these levels are computed on close with specific preset time horizons, and not calculated in real time as it would result in too many signals with constant change.

Trend Decider Daily

- Displays a Green / Lime coloured horizontal line on the chart
- The study should be plotted on timeframes lower than Daily (but higher than 5min and with a minimum history of 3 days)
- The level does not change during the day and is static across time intervals
- It indicates the Trend Decider level for the Day, i.e. ideally consider a breakout as a signal of trend change for the Day

Trend Decider Weekly

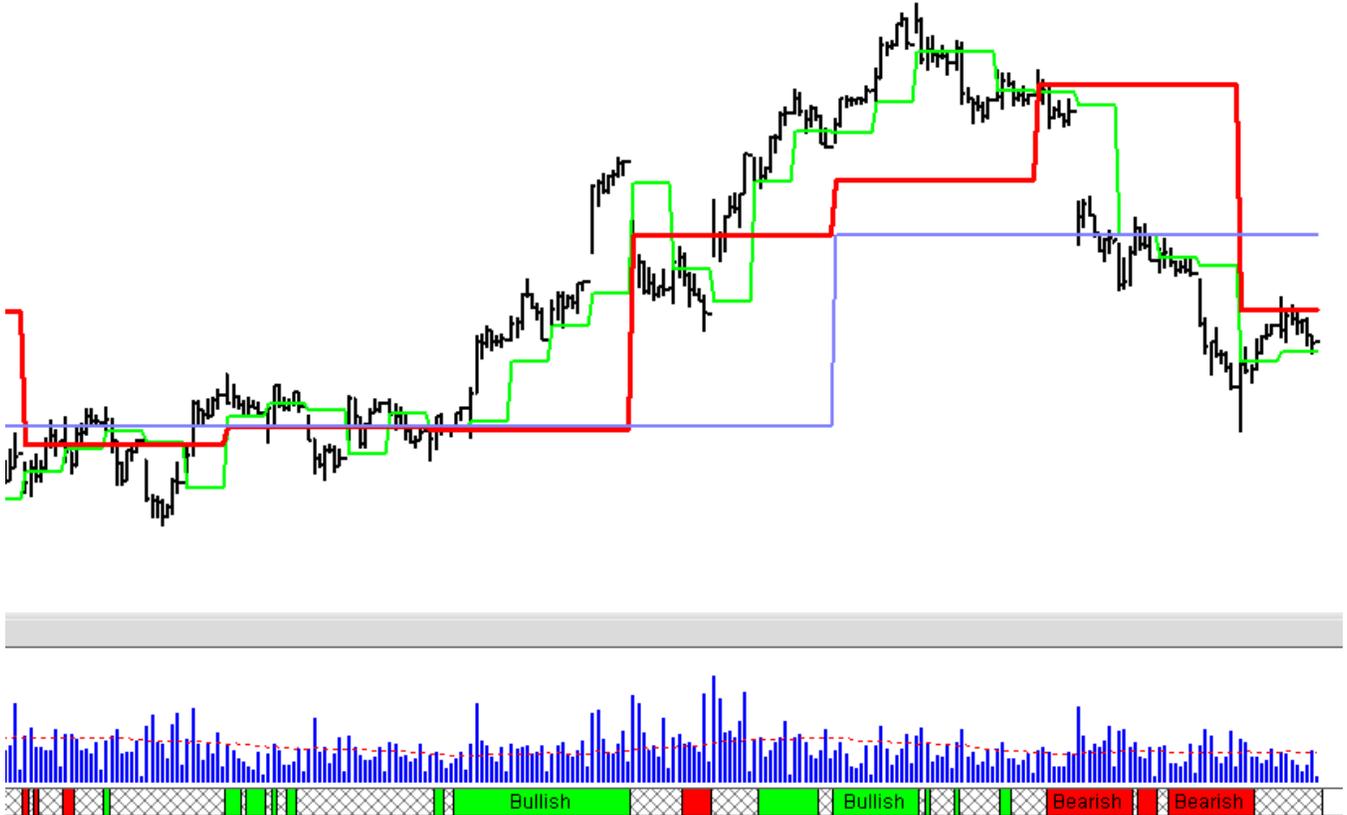
- Displays a Red coloured horizontal line on the chart
- The study should be plotted on timeframes lower than Weekly (but higher than 10min, with a minimum history of 3 calendar weeks)
- The level does not change during the entire calendar week and is static across time intervals
- It indicates the Trend Decider level for the Week, i.e. ideally consider a breakout past the Weekly level as a signal of trend change for the Week

Trend Decider Monthly

- Displays a Lavender coloured horizontal line on the chart
- The study should be plotted on timeframes lower than Weekly (but higher than 10min, with a minimum history of 3 calendar months)
- The level does not change during the entire calendar month and stays static across time intervals
- It indicates the Trend Decider level for the Month, i.e. ideally consider a breakout past the Monthly level as a signal of trend change for the Month

Style Template

Whilst you may find individual TrendDecider levels themselves to be fairly helpful, the core strength of the study is when you blend in the 3 indicators all onto one single chart and timeframe. This can be done easily by applying the **“ATM TrendDecider” Style Template**. By applying this one template to your chart you would automatically plot all 3 TrendDecider Levels in one go.



Whilst there are several ways you could work with the Trend Decider Levels, one proven path you could adopt is using a Sync of the TD Daily & TD Weekly levels. This can be particularly helpful if you are trading even intraday interval charts.

What we are looking for?

To start with let's apply the Trend Decider Daily and Trend Decider Daily Weekly on any one interval chart (for example 60min)

The 3 signs of Strength (BULLISH)

Close above TD Daily Level (Green)

Close above TD Weekly Level (Red)

The final check for strength is if the Green TD Daily Level is above / goes above the Red TD Weekly Level

If all the criteria are met we should conclude the stock is in BULLISH mode.

If only 2 of the above criteria are met (i.e. Close is past Daily, Close is past TD Weekly but TD Daily is lower than TD Weekly level) we could label it as “+++”.

The 3 signs of Weakness (BEARISH)

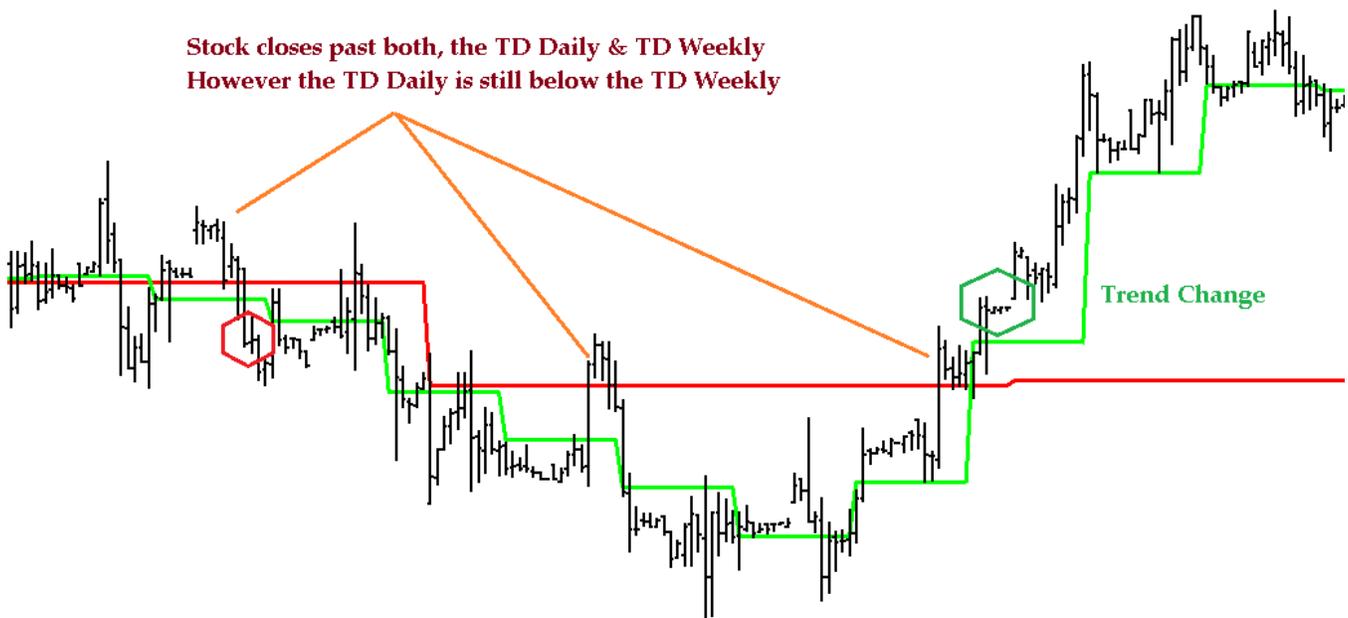
Close below TD Daily Level (Green)

Close below TD Weekly Level (Red)

The final check for weakness is if the Green TD Daily Level is below / goes below the Red TD Weekly Level

If all 3 criteria are met we should conclude the stock is in BEARISH mode.

If only 2 of the above criteria are met (i.e. Close is below Daily, Close is below Weekly but TD Daily is higher than the TD Weekly level) we could label it as “- -”.



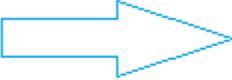
Trend Change Points :

Trend Change is to be detected when for the first time all the 3 criteria of Strength and Weakness are detected. Ideally wait for the high / low of the signal bar to be taken out for a confirmation.

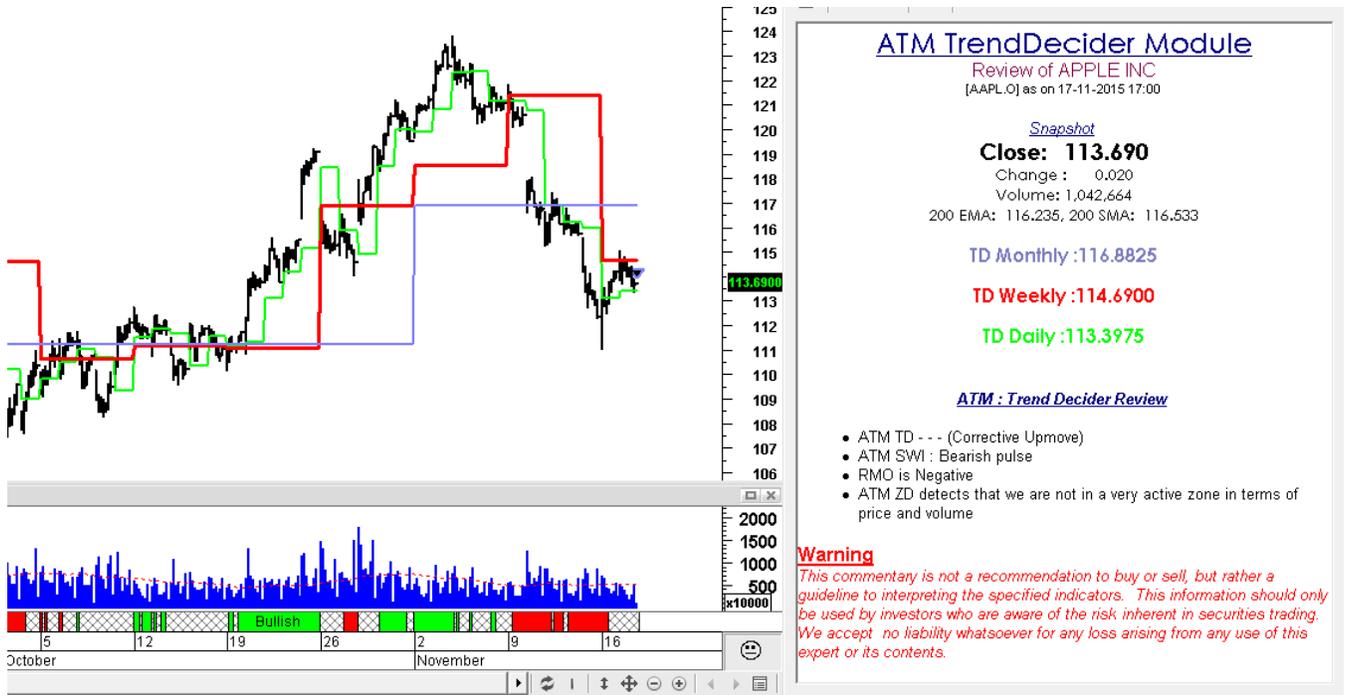
The **TD Auto PowerScreener** does all this interpretation automatically for you.....

You could be alerted via a Voice / Email Alert, each time a “Trend Change” occurs. You could also see a text alert on your PowerScreener Quote board as ***BULLISH*** or ***BEARISH***

ATM PowerScreener: Understanding TD Auto

ATM TD AUTO,30M		
BEARISH		Indicates that price is lower the TD Daily and TD Weekly Level. In this case TD Daily is also lower than TD Weeekly.
BEARISH		
+++		
BEARISH		Indicates a recent change in trend with all 3 criteria satisfied.
BEARISH		
BULLISH		
+++		
+++		
---		Indicates 2 bearish criteria in place. Here price is higher than TD Daily level, but lower than TD Weekly. Besides, TD Daily is lower than TD Weekly.
BULLISH		Indicates that price is higher than TD Daily and TD Weekly Level. In this case TD Daily is also above than TD Weeekly.
+++		
BEARISH		
+++		Indicates 2 bullish criteria in place. Here price is lower than TD Daily level, but higher than TD Weekly. Besides, TD Daily is higher than TD Weekly.
+++		
BEARISH		
+++		

It is recommended to focus more on the first trend change signal and at best the first two to three buy / sell arrows only. **ATM Trend Decider Expert** also includes commentary that helps you assess the trend with complete ease.



It's this all round Integration of the Trend Decider Suite that makes it such a practical and effective methodology! With more experience with the TrendDecider suite you'd rediscover the most powerful combinations for your Trading Style. Whilst the TrendDecider Daily & Weekly levels give the system a firm backbone and make a great launch pad, you should consider fitting it in for your trading style and timeframe. For all you know, you may prefer a TD Daily & TD Monthly combination or for that matter a TD Weekly & TD Monthly combination!

ATR%

Overview

The Average True Range ("ATR") is a measure of volatility. It was introduced by Welles Wilder in his book, *New Concepts in Technical Trading Systems*, and has since been used as a component of many indicators and trading systems.

Interpretation

Wilder has found that high ATR values often occur at market bottoms following a "panic" sell-off. Low Average True Range values are often found during extended sideways periods, such as those found at tops and after consolidation periods.

The True Range indicator is defined by Wilder to be the *greatest* of the following for each period:

- The distance from today's high to today's low.
- The distance from yesterday's close to today's high.
- The distance from yesterday's close to today's low.

The Average True Range is simply the *average* of the true ranges over the past x periods (where x is specified by the user). You can view the standard ATR (not ATR %) under the default indicator quick list.

What the ATR % does is to refer to the ATR Value as a percentage, so that we may gauge how volatile a symbol is on a percentage basis. Whilst this may help while trading options, it can be very helpful to traders looking out for symbols that exhibit large percentage price action.

Let's take a hypothetical example - we have a trader that aims at making 1% on a day trade and he's trying to detect which stocks offer higher volatility and that too consistently. If he trades a symbol where the ATR% is 1.5 he has a tougher task than trading a symbol that has an ATR% of 4.

Whilst this is not a Buy and Sell mechanism, it certainly helps one get an insight on volatility as a percentage level. We can apply this indicator on a Price chart to get a sense of how the ATR% is moving, or add it to your WatchList to get a sense of the volatility. Those looking for higher / lower ATR % stock can use the sort feature on the WatchList.

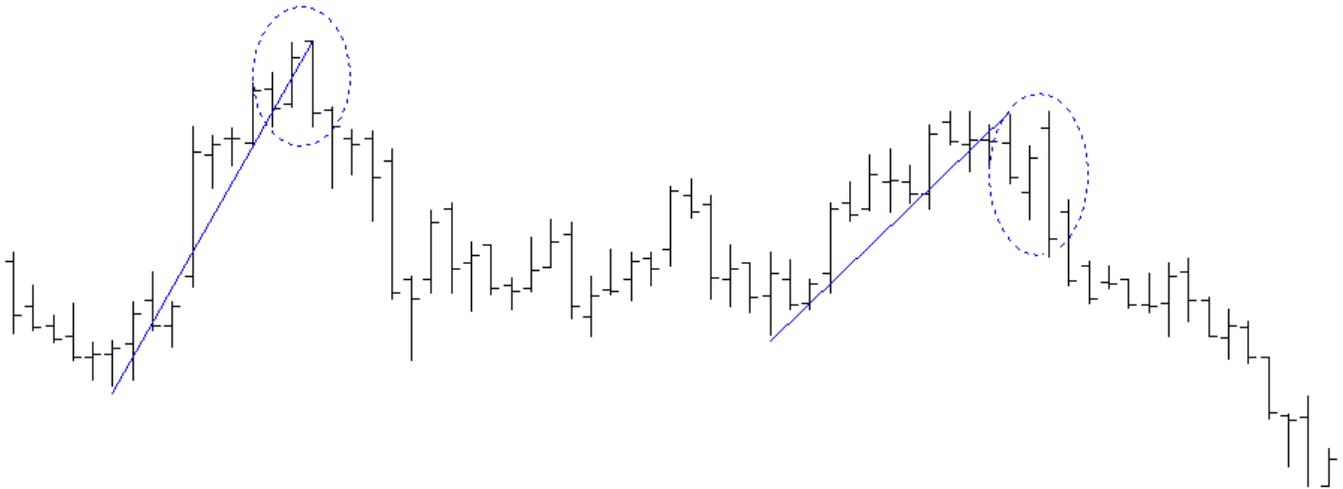
By default the ATR% is set at 21 periods, however this may be edited to your preference.

Outside Day Reversals with the PowerScreener

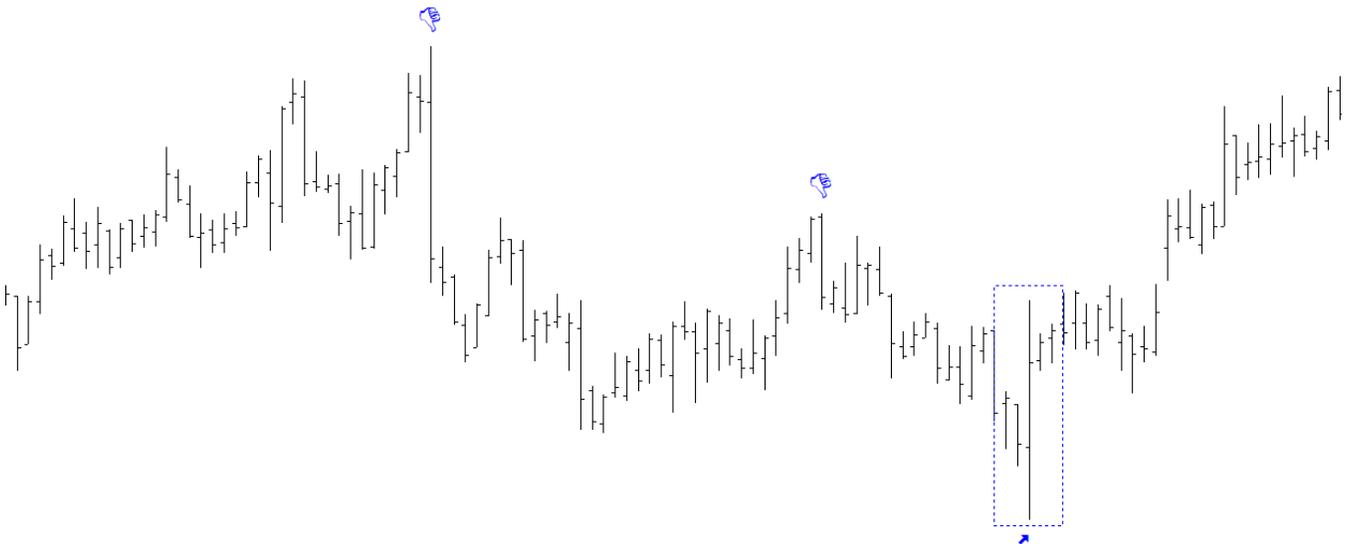
Outside days occur when a bar exceeds the previous bars high and low.

These bars can be treated as an early / potential price reversal signal. They are more significant if they are characterized with above average volume and price volatility

However what's key is to look for a **“Down reversal Outside day signals”** after an uptrend series. If this signal occurs at a major resistance level or is coupled with above average volume the significance and efficiency increases.



Similarly we should look for **“Up reversal Outside day signals”** after a downtrend. If this signal occurs at a major support level or is coupled with above average volume the significance and efficiency is very solid.



With the PowerScreener you can now scan for these reversal signals in a live market as well. The study can be applied on any instrument / timeframes of your choice. However, once you get a signal on the PowerScreener its essential you view the chart and check if it has the preceding trend in place and further qualify.

Despite it being such a powerful and early indication, we should also note that these signals will not occur on every top / bottom and hence this is not a standalone trading model / indicator.

More than having a good accuracy they mostly offer an excellent Risk : Reward ratio as you can place a STOP just past the high / low of the Reversal Bar.

PowerScreener Output

The screenshot displays the ATM PowerScreener interface. On the left, a list of stock symbols is shown, including AXJO, AMP, TLS, SCG, STO, SUN, NCM, NAB, ANZ, WBC, WOW, BHP, WPL, WES, CBA, RIO, MQG, and CSL. The main window shows a table with columns for Symbol, LAST.D, CHANGE.D, OUTSIDE DAY REVERSALS.W, and CHANGE %.D. The table lists various symbols with their current values and reversal signals. For example, AXJO has a LAST.D of 5732.80 and a CHANGE.D of -101.40. The OUTSIDE DAY REVERSALS.W column shows signals like 'Outside day DR' for STO and RIO. An 'Edit Columns' dialog box is open, showing settings for the 'OUTSIDE DAY REVERSALS.W' indicator, including options for 'Compute on close', 'Up Reversal Text Color', 'Down Reversal Text Color', 'Voice Alert', and 'e-Mail Alert'.

Symbol	LAST.D	CHANGE.D	OUTSIDE DAY REVERSALS.W	CHANGE %.D
AXJO	5732.80	-101.40		-1.74
AMP	2.51	-0.01		-0.40
TLS	3.05	0.02		0.66
SCG	3.96	-0.08		-1.98
STO	6.06	-0.32	Outside day DR	-5.02
SUN	13.55	-0.17		-1.24
NCM	20.24	-0.26		-1.27
NAB	23.93	-0.57		-2.33
ANZ	25.40	-0.61		-2.35
WBC	25.45	-0.79		-3.01
WOW	29.16	-0.44		-1.49
BHP	32.11	-0.74		-2.25
WPL	32.56	-0.83		-2.49
WES	46.14	-1.35		-2.84
CBA	69.21	-1.69		-2.38
RIO	78.44	-2.07	Outside day DR	-2.57
MQG	118.75	-0.68		-0.57
CSL	183.60	-4.29		-2.28

RMO ATM 3.0 Enhancements (2020)

Recommended Video : <https://www.youtube.com/watch?v=ZJ1hWl6vfNI>

This would help you learn more and understand the enhancements included with ver 3.0 as listed below:

- New Price Alerts
- Outside Day Reversal
- RMO First Breakouts!
- ATM TrendDecider 15 Day
- ATM BC Sync
- %Change from 52 Week Hi / Low
- TD Break

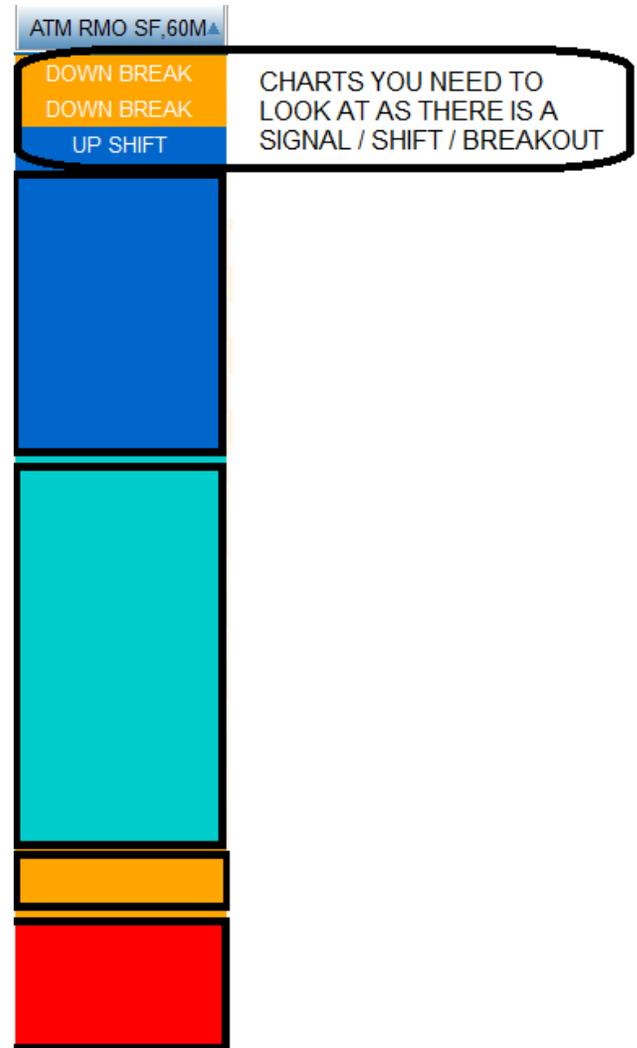
RMO ATM 3.0 Build 21.1 Enhancements (June 2021)

New Intelligent Auto Sort with “Trend Blocks” & “First Breakout” Detection

To use this enhanced feature, simply double click on top of an indicator column and you will see all the signals appear on top followed by color coded sorting and finally the empty rows at the bottom. This gives users an amazing edge on RMO / ATM SF / ATM BC as it brings up the actionable signals right up top, followed by color sorting so that we can gauge the trend by seeing the block sizes!

The Auto Sorting Feature not only sorts by alphabet and color but also brings special characters (like arrows) on top. This allows for RMO signals with an arrow (1st breakout) to get right on top of the list helping you focus on the post potential trades.

**Important : For the Auto-Sort feature to work smooth, please avoid empty rows on your page (if empty rows exist they may get deleted). If you would like to keep a space between symbols we would recommend you make collapsible groups rather than keep empty rows. To make a group Type “* GroupName” and hit enter*



Updated ATM TD Break

Users can now turn off Compute on Close and catch breakouts LIVE as they happen. This study is designed to find symbols that have just gone past a TrendDecider level!

**Important : ALL ATM TD studies use a large amounts of data and pc resources, so ensure you have a symbol list that's under 150 symbols especially if using the RT Data.*

Enhanced TD AUTO (TDD vs TDW):

What's most exciting is that the TD AUTO study now has the option to work off the current LIVE bar as well (Compute on Close off). The TD Auto study is the default / original combination (TDD vs TDW) and will sync with the MetaStock template / Expert as well. This is the most advised combination for an active trader as per Rahul's research and is hence the default.

The TD Auto PowerScreener and the MetaStock template titled "ATM TrendDecider" can practically be used on an intraday timeframes (like 5min / 30min / 60min etc) and not Daily or higher frames. To avoid user error, Timeframe selection now restricted to Daily and Lower on the PowerScreener.

NEW : TD AUTO CUSTOM (5 new combinations added!)

Whilst Rahul's original default study of choice, is a combination of the TDD vs TDW as mentioned above, experienced users wanted the ability to try different combinations. The 5 alternate combinations now included are focused towards users who have a longer time horizon and are can even be used with EOD / Daily / Local data. This study can help gauge the TrendDecider levels based off 5 different combinations, viz...

1. TDW vs TDM
2. TDW vs TD15
3. TD15 vs TDM
4. TDD vs TD15
5. TDD vs TDM

To avoid user error, we have restricted timeframe selection to Weekly or Lower for the new "TD Auto Custom" studies.

Here too we added the option to see results on the current LIVE bar allowing you to turn off Compute on close (For real time traders it's advisable to use compute bar on close as the current bar / candle is live and in formation, so refer to the second last bar when comparing outputs, as the last bar is assumed to be under formation as several users do get hourly updates too despite an EOD data feed. In addition MetaStock chart templates will also continue to only carry the TD Auto Default study like before (TDD vs TDW)

Minor Updates...

- TD Break & TD15Day Screeners: The code has been updated to ensure an accurate output including with inconsistent data.
- Page file type updated from ver 2.0 to "ATM Extended Page". This is for better internal handling / auto saving of pages so that you never lose where you left off from.
- Copy paste a symbol list including groups from a txt file is now possible.
- Decimal rounding off will auto-apply on any new columns you add even after making the initial setting.
- A user can press the delete key and Delete rows, incl ALL rows. After deleting rows you can insert a new set of symbols from the symbol search as well.

RMO ATM 3.0 Build 21.2 Enhancements (Sep 2021)

1. 5 NEW experts for the ATM TrendDecider added.

These are designed keeping in mind the needs of the EOD user specifically.

ALL of these experts include notes and commentary to help users interpret the indicator.

2. Also included a new template titled "ATM TrendDecider ALL4 TDW vs TDM"

This is for users that wish to see ALL 4 TrendDecider levels on 1 chart. It also has an expert attached which compares TDW vs TDM.

3. RMO Integrated Scan further refined.

Shows signals where Arrow, Bar Color and the RMO are all in agreement. (Even if all 3 signals occur on different bars it would show you a signal)

The Explorer now also helps you shortlist where the RMO just turned direction (Potential 1st breakouts)

The ATM PowerScreener has also been updated with the above. Here too you would grab first breakouts, get voice / emails alerts and are able to sort results.

4. ALL the ATM Explorers now have NOTES so that a user can better understand the goals / results

5. Misc updates on the ATM PowerScreener made to facilitate better reading of local data, improved copy pasting of symbols. In addition, a minor update has been made to improve data handling when running the ATM BreakoutCatcher.

ATM TREND FLARE Suite

RMO ATM 4.0 Enhancements (April 2024)

The RMO ATM 4.0 launched April 2024 alongside MetaStock 19 further adding to all the enhancements to the basic RMO suite. It comes in after months of research and brings to the table 8 indicators, 2 explorers and 3 Experts. These synergise to generate for you 3 solid new trading strategies keeping price volatility as the heart of its computation...

1. ATM TREND FLARE – NORMAL (Access by applying provided chart template)
2. ATM TREND FLARE – SLOW (Access by applying provided chart template)
3. ATM AUTO SUPPORT & RESISTANCE (Access by attaching provided chart template)

ATM TREND FLARE

The ATM Trend Flare is a suite of multiple studies that work cohesively to give trading opportunities that can be suited to your trading style. Whilst 8 different Indicators build this together, we have 3 simple chart templates that you can apply to get immediately started viz. 1) ATM TREND FLARE Normal and 2) ATM TREND FLARE Slow 3) ATM AUTO S&R

As the template names suggest, the NORMAL mode is more responsive to market movement and the SLOW mode factors in more historical market data and hence is likely to have a larger smoothing effect.

Like other ATM templates / studies this too works best if you have well-constructed open high low close charts with 300+ bars / candles of historical data or more.

Let's now discuss the core components of the ATM TREND FLARE strategy

Choosing between Normal or Slow Template?

This is an important decision / selection and depends on our trading personality and goals. If speed and getting an early signal is a focus one should work with Normal mode. However, if stability or a more confirmed approach, even if it means a delayed / lesser signals, is what you desire then opt for the SLOW mode. It is recommended you also check historical signals to get further confirmation on what the right choice may be.

This decision is of paramount importance as the Sweet Spots (SS) / Diamond symbols and the Trailing Stoploss (TSL) / Circle symbols would all adjust their signalling based on the mode you choose.



Baseline

The baseline is computed based on the volatility of the recent price data and also blends in concepts of moving averages to bring in a smoothing effect. The Baseline dissects the market into Bullish and Bearish Zones. The trend can be deemed as positive if price is above the Baseline and the Baseline is inclining in value. Similarly, if prices are below the Baseline and the Baseline is declining in value consider it as negative.

You may even choose to use both the SLOW and NORMAL Baselines like you would use moving averages. To access this study simply drag and drop from the indicator quicklist or look at the wholistic view by applying the relevant ATM TREND FLARE template.

The Expert even marks a ribbon on the X axis where prices are trading above / below the baseline. The ATM Trend Flare exploration also lets you detect where there is a change in trend from a Baseline perspective by shortlisting symbols that have just gone past the baseline.

Trend Flares/ Sweet spots (SS+/SS-) Diamond symbols

These are denoted as a diamond symbol by the Expert Advisor. Its also marked as an Orange flare with a value of +1 (if bullish) or -1 (if bearish) on the indicator window. A trend is likely to flare out from this signal point, these often are the earliest signals even before the instrument goes past the baseline and can be utilised as the first and most key indication.

Trailing Stop Loss (TSL+/TSL-) Circle symbols

This study comes into play once you enter a profitable trade and are looking for potential points where you could trail your stop loss level to so that you manage risk optimally. The indicator is displayed as a blue histogram in the indicator window (+1 indicates you can consider using the recent low as a stop and -1 indicates using a recent high as a stop for your short trades)

The Expert Advisor bolts a brown circle below/above the price bar to give you a cleaner view. Do remember to ideally only use this as a signal once you are in an established profitable trade and are looking for a trailing stoploss model to ride the trend.

Understanding the Explorer output. If the value is 1 here is what the Explorer Columns suggest:

Col A denotes where you have a new flare UP, indicating a potential buy past the high

Col B denotes a new flare DOWN indicating a potential sell below the low

Col C indicates a TSL+ signal (Trailing Stop circle below bar)

Col D indicates a TSL- signal (Trailing Stop circle above bar)

Col E indicates the close is above the Baseline which suggest it's in a positive trend

Col F indicates the close is below above the Baseline which suggests we are in negative trend

Cold G indicates a symbol has just gone above the baseline, hence the title BL UPBRK

Cold H indicates a symbol has just gone below the baseline, hence the title BL DNBRK

Instrument Name	SS+	SS-	TSL+	TSL-	C>BL	C<BL	UPSHIFT	DWNSHIFT	Symbol
PETROBRAS ON	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	1.0000	0.0000	PETR3.SA
3R PETROLEUM ON	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	RRR3.SA
ON SEMICONDUCT...	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	ON.O
OLD DOMINION	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	ODFL.O
O REILLY AUTO	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	ORLY.O
NXP SEMICOND NV	1.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	NXPI.O
NVIDIA CORP	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	NVDA.O
NETFLIX INC	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	NFLX.O
NESTLE LTD-A	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	NEST.BO
N T P C-A	1.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	NTPC.BO
MULTIPLAN ON	1.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	MULT3.SA
MUENCH. RUECK N	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	MUVGn.DE
MTU AERO ENGINES	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	MTXGn.DE

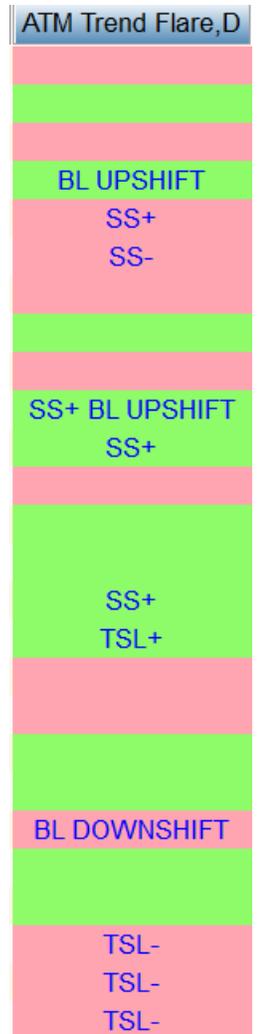
The ATM PowerScreener does an even better job at identifying these trades / signals effortlessly

Simply add the ATM Trend Flare study to your watchlist and it would keep scanning for all these opportunities for you (including on a live market if you have XENITH live RT data subscribed to)

The illustration shows you how the results auto populate, feel free to customise the properties of the study to your needs. You can choose what signals you want, choose between NORMAL / SLOW mode and set it to an interval / colour scheme of your choice.

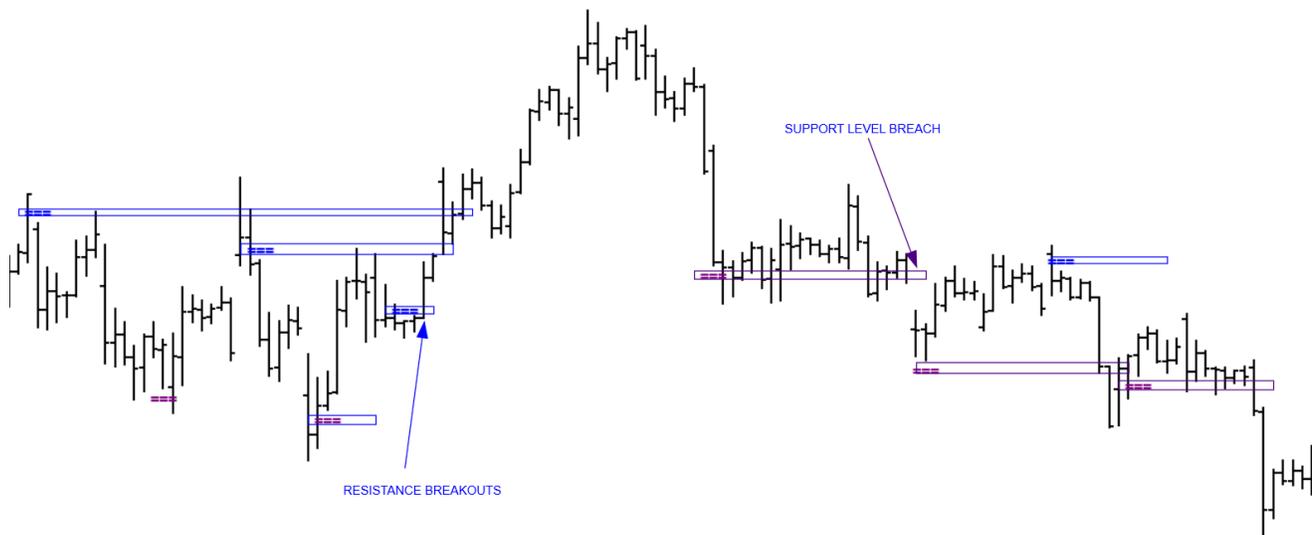
For example, you may want only stocks with a Sweet Spot / Diamond signal (simply uncheck the other outputs in the indicator properties)

You also have the choice to enable alerts / compute on close and more.



ATM AUTO SUPPORT & RESISTANCE ZONES (Expert Advisor)

RMO ATM 4.0 Enhancements (April 2024)



“Price is supreme”, is one of the core principles of the Dow Theory. Hence one needs to dive deep into understanding price action behaviour. Many do it using chart patterns or candlesticks, however one simple evidence based approach is to understand where exactly are zones of support and resistances. Once these levels or hurdles are broken out of, they work as an excellent indication of trend reversal.

As the name suggests this Expert Advisor maps out for you zones of support and resistance, these works as a handy map in your journey to find trend breakouts and key price levels.

Below are some effective and practical pointers to remember :

1. We should consider strength once resistances are broken out, else they are a bottleneck to an uptrend.
2. Good buy signals are also usually built on with a support level that is holding.
3. Similarly a support level once broken out of / breached, is an indication of weakness.
4. A sell signal can be further validated, if it occurs after a resistance level that has not been crossed.
5. Keep a filter, something that has helped me immensely is wait to close past the level and then use that breakout bars high / low as a trigger point
6. One would use this study to give us a roadmap of levels rather than mechanizing its to be a trading system. I encourage you to use it alongside any of the core ATM strategies to better gauge where the price action is placed.

We've also included the ATM Auto S&R template, that delivers to you another dimension. It not only plots the expert with automated support and resistance markers but also includes both, the BASELINE normal and BASELINE slow from the Trend Flare suite. It's a template that will connect to you visually and help gauge the market pulse.

