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The Scanning Functions

There are three types of scanners built into TradeGuider: a Quick View Watch List Indicator scanner, a Stock Scanner and an Indicator Scanner. The Quick View Watch List option is available in the Watch List panel. The Stock Scanner and the Indicator scanner are accessed from the Scanners menu. A brief description of each scanner is shown below:

The Quick View Watch Lists Indicator Scanner in is only available with the incorporated data feed. It is a quick view to signal VSA indicators, Price Trend indicators, and volume indicators within a watch list for a specified number of bars. You can customize this feature in the Watch List Settings Dialog box within the Data Feed menu.

The Stock Scanner is a great tool that is used to prospect for stocks that are strong or weak. It compares the performance of stocks against their parent index. For example, Microsoft Corp could be compared against the performance of the S&P 500 index to check whether it is under or over performing against the other stocks that make up the S&P. The Stock Scanner uses proprietary relative strength analysis techniques to carry out various checks, and is unique in its ability to assess combined performance over both the up and down legs of a stock's price movement – the result is one of the most powerful and accurate stock scanners on the market today.

If you have business sector (or industrial sector) data, it is also possible to use the Stock Scanner to compare the performance of a stock against its sector, or the performance of a group of sectors against an index. For more information on these techniques, see Volume 2 – The Basic Trading Guide (Selecting Stocks for Position Trading, page 153).

3. The Indicator Scanner helps you to save time by:

Scanning a folder of stocks or commodities to look for candidates that have just experienced a change of trading activity (as measured by observations in Volume Spread Analysis)

Scanning a folder of stocks or commodities to see if there are any candidates that have just experienced a trend break-out, or a continuation of trend indicator.

A favorite way of using the Indicator Scanner is to look for situations where there is a VSA sign of strength (green indicator) and an upwards-facing trend indicator (blue triangle) that coincides at the same time, or is in close proximity. The opposite is true for a VSA sign of weakness (red indictor) and a downwards-facing trend indicator.

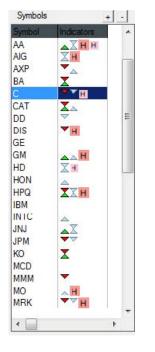
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The Quick View Watch Lists Indicator Scanner

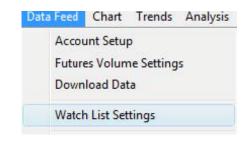
The Quick View Watch Lists Indicator scanner is a new feature in the TradeGuider update. The table below defines each of the icons available in this scanner.



Indicator Key for Symbol List				
Indicator Icon	Indicator Definition			
	Ultra High Volume			
	High Volume			
	Low Volume			
	Price trend arrows			
	Supply/Demand indicators			
V A				

To change the number of bars examined for indicators

Select Data Feed...Watch List Settings.



Change the Display results for the last x bars to 6

Symbol List Options	Auto Download
📝 Show Symbol column	Always download at startup
Show Company Name column	🔿 Never download at startup
The states of	C Ask me everytime
Show Indicators I	O Mak me everydine
ndicators Options	play results for the last 6 🔹 bar
ndicators Options	
ndicators Options	

The Stock Scanner

As described on the previous page, the Stock Scanner is the primary tool you should use to prospect and rank strong or weak stocks. The scanner utilizes a unique Wyckoff relative strength algorithm to perform a complex amount of analysis for both the up and down legs of a stock's price movement. You have the freedom to tell the scanner how far back in time you want the analysis to take place, and the number of up and down legs to use when carrying out the relative strength comparisons. At the end of the scan, you'll be presented with a report that shows the best and worst performing stocks in your chosen folder.

The Stock Scanner is designed to be easy to use, yet extremely powerful – everything is controlled by a simple Wizard, which guides you through the various steps. Before you attempt to do your first stock scan, we urge you to take a few moments to go through the following short tutorial.

Creating a New Scan Profile

A Scan Profile has to be created the very first time the Stock Scanner is used. A different profile can be set up and customized for each of your scanning tasks. Here are a few examples of the type of Scan Profile you may wish to create:

- Performance of Dow Jones Industrial stocks over the short term
- S&P stocks which have shown the largest price swings over the medium term
- The best performing Industry Sectors
- The worst performing NASDAQ stocks (e.g. you may want to short with options)

To create your first Scan Profile comparing the S&P Parent Index to the S&P Components, follow the steps below:

Scanners	Window Help
Stoc	k scanner 🔹
India	ator scanner
Upd	ate

Choose Stock Scanner from the Scanners menu

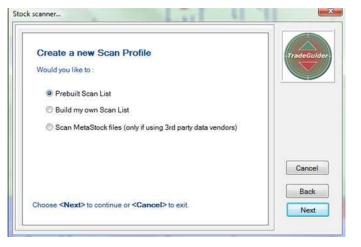
The Stock Scanner Wizard will be displayed.

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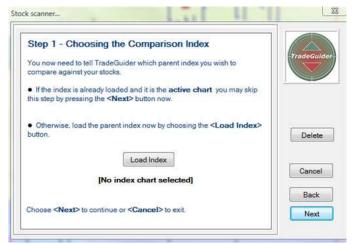
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Select **Build my own Scan List** and click **Next**.



Select **Load Index** to indicate the Parent Index for the scan.



Select S&P 500 Parent from the panel on the left and click Open.

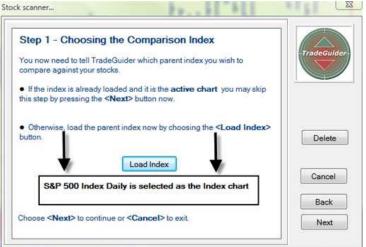
Confirm that the S&P 500 Index Daily is listed below the Load Index button and click Next.

Watch Lists	+	Symbols		+ -
Watch List Name S&P500Index S&P500Component Futures DJ30IndustrialParent DJ30IndustrialComponents S&P Sectors DJ - 30	Des S&P SP5 list c DO\ E Dow 9 Se dj-3l	Sunibol SINX	Company Name SJ:P. 500 Index	Indicato
•	+			1

Selecting the Comparison Index

When the scan is performed, TradeGuider will compare the performance of a stock with its Parent Index to check whether the stock is over-performing or under-performing. The Parent Index is simply the industrial index the stock resides in. For example, most technology stocks, such as Microsoft and Oracle can be found in the NASDAQ index.

To continue with setting up your Scan Profile, follow these steps:



The next step is to choose the date for the scan – the default will be either today, or the last day on your chart if you haven't updated your data for a while. Selecting a date is simply a matter of clicking the calendar or the scroll buttons to move the chart cursor

Confirm the Scan Date and click Next.

	p 2 -	Se	tting	the	scal	n date	e	
fne	cessa	y you	can s	et the	date	for whi	ch the scan will take place.	TradeGuid
chai	t Subs t when	seque the f odify a	ent sca Re-use	ans an a pre ously	e auto vious	omatica aly save	week, to the end of the Index ally advanced to the end of the ad scan profile option is selected. profile option for back testing.	
	Mon	Tue	Wed	Thu	Fri	Sat	- 6 (
Jun		29	30	1	2 9	3		
27	28					10	Select a valid date from the	
27 4	5	6	7	8		10	Select a valid date from the	(Access)
		6	7 14	8 15	9 16	10	calendar to the left, or move the chart cursor to the scan	Cancel

Select Charts	Scan list	 TradeGuid
Add a complete watchlist Add selected charts		
		Cancel

Select Add a complete watchlist

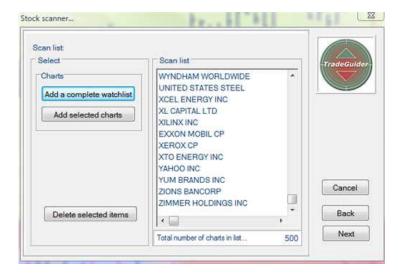
Select the watchlist that you are comparing the S&P Parent Index to. In this example, we are comparing the S&P Parent with the S&P Components so select S&P500Component and click Open to retrieve the symbols.

In the interests of efficient performance, we would recommend setting up an individual stock scan for each of the indices that you are interested in, rather than combining

multiple indices and stocks into one global scan that contains potentially thousands of stocks.

Setting the Percentage Price Change

The next step is to specify the Percentage Price Change to be used in the scan. The Percentage Price Change represents the size of those moves. The default value is "1.25", which is a good setting to use for most circumstances. When this parameter is altered, TradeGuider will recalculate and show the effects of the percentage change on the chart. The chart below illustrates what happens when the Percentage Price Change is increased from 1.25 to 2.25. Compare the changes in the up and down price moves with the chart on the previous page to see the differences.



Once the Scan list is populated, it will look similar to the dialog box below. Click Next



Choosing the default value of "1.25" for the percentage change is a good setting to use until you become more experienced with the stock scanner.

Watch the index chart as you change this parameter so that you can see how the comparison will be made. If no lines are shown on the chart, it is likely that the value used for the Percentage Price Change resulted in a starting point that was before the first date of your index chart. In this case, choose a smaller value.

Step 4 - Set the Per	centage Change	
	of moves to analyse, it's now time to determine is is done by specifying the value for a the index.	TradeGuide
Set a value below in the ran	ige, 0.1 to 9.99 percent	
now the comparison will be values entered resulted in a	as you change this value so that you can see made. If no lines are shown, it is likely that the starting point that was earlier than the first bar ase, choose a smaller value.	Reduce wizard size
Percentage price cl	hange: 1.25 ()	Cancel
		Back

Accept the default settings for Percentage of Change in Step 4 and click Next.

Setting the Number of Reference Points The next step is to specify the number of Reference Points to be used in the scan. A Reference Point is simply the place where an up move (or known move) starts and ends.

The default value is "2", which signifies two up moves and two down moves. When you change this parameter, TradeGuider will show the resultant up and down legs on the chart.

Choosing the default value of "2" for the number of up and down moves is a good setting to use, which will produce reliable results in the majority of circumstances.

You may choose between two and five reference points. A larger number of points produce more reliable results, but this can be at the expense of running the comparison against a period that goes back too far.

Generally, you are advised not to go beyond six months when setting this parameter.

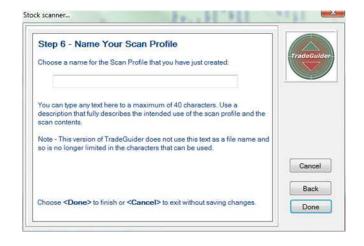
We would recommend that you try to select reference points that cover up and down moves for three to four months of price action.



otop o oot an	e Reference Po	oints	
to use. The minimum	n value is two, repres This is a good place	ference points that you wou senting two pairs of up and to start, until you become r	i down
points produces mon	e reliable results, bu	e points. A larger number t this can be at the expense eriod that goes back too far	e of Reduc wizar
Set the number of ref	erence points by usi	ng the spin control below:	size
Number of rel	erence points:	2 • •	Cance
			Back

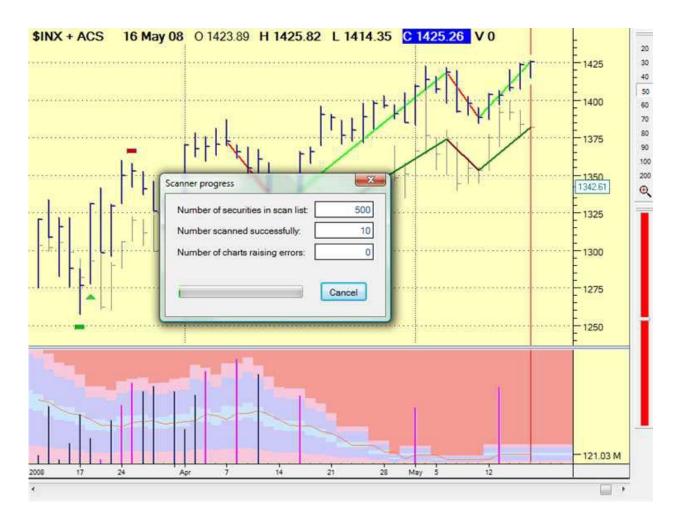
Accept the default settings of 2 reference points in Step 5 and click Next.

Enter a Scan Profile Name and click Done.



The Stock Scanner in Motion

When the Stock Scanner is running you will see each chart momentarily displayed on the screen and compared against the parent index (see below). You will also see a Progress Gauge displayed in the top left corner of the screen. Despite the advanced algorithms employed within the stock scanner program, the whole process will be complete within a minute or so for the 500 stocks within the S&P 500 index.



Viewing Scanner Results

The Scanner results have been moved to the panel on the left. If the watch lists is currently displayed, simply switch to the scanner results mode.

The top of the scanner enables you to quickly edit the scan profile.

Scanner		
S&P Pare	nt VS S&P Comp 🔻	+
Scan Date	e: 05/16/2008	
Parent:	SP 500 Index	

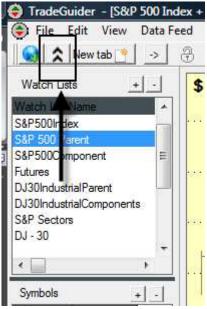
To view scanner results, complete the following steps:

Select the double arrow on the Toolbar or press F12 until the scanner results appears in the left panel.

Confirm that the new scan profile is listed in the Scanner Drop down list.

Scanner Options				
+	Creates a new scan profile			
-	Deletes a scan profile			
*	Updates a scan profile			

Notice the system indicates the scan date and the Parent Index above the lists of strong and weak stocks.



Analyzing the Stock Scanner Results

Once the scan has completed, you'll be presented with the best opportunities in a filtered list of the 10 strongest stocks on the left and the 10 weakest stocks on the right.

The stocks are sorted by a 'rating' that indicates how strong or weak the stock is.

If you would like to visually compare any of these stocks against the parent index, simply click the stock you are interested in and the relevant chart will be immediately loaded for you to scrutinize.

The full set of scan results are available for you to analyze, since there will be many other potential trading candidates amongst the list.





You should be wary of any stocks with excessive ratings (i.e. higher than 5.0 or lower than -5.0). Stocks that fall into this category may be:

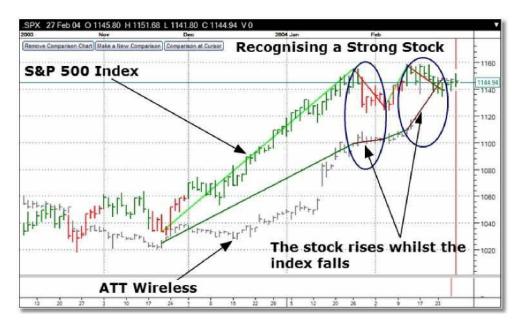
Flat (thinly traded) and trading in a narrow sideways price range Overbought and ready to fall Oversold and ready to rise

In all the above instances, we advise checking the VSA indicators and any other of the TradeGuider tools that you use for confirmation.

What to Look for When Comparing a Chart

Stock selection for buying is relatively easy. You should only trade stocks that make up a major index, since these will be highly capitalized. They will generally have a high level of stability and liquidity, enabling you to get into and out of your positions quickly. It is these stocks that will be actively traded by the trading syndicates and market-makers. This is good news for us because we can usually see the results of their activity on our charts: observation of the price action (between a stock and its parent index) and volume is the key to good stock selection.

You will need a benchmark when selecting stocks – something to compare a stocks performance with, and you will use the associated index for this purpose. When the market is rising, it is normal for most stocks that make up an index to rise too. However, when the index is falling, a strong stock will resist a price drop and may even rise. The following screen-shot illustrates this phenomenon perfectly.



This type of price action is an indication that the stock is bullish. Professional money is active in the stock and you know that this is a good candidate because they are not selling it – in fact, they are buying the stock on each subsequent fall of the index and the price is being supported as a result. Alternatively, weak stocks will have no support from professional groups and they will fall easily, in tandem with the index. This simple principle can be observed frequently, and it is a principle that can make a significant difference to your success as a trader.

Remember, professional buying makes a stock resistant to falls. Reverse these principles if you wish to trade the short side of the market.

You should only trade stocks that make up a major index, such as the Dow Jones, NASDAQ, FTSE 100, and S&P 500.

It helps to get a better view of a stock if you convert it to a weekly time period. Do the same for the index and compare the charts, looking for price support (or rises) whilst the index is falling. Use a daily chart when selecting the entry point for a trade.

A 'buy' signal will be seen as a low volume down-day or a 'Test' in the parent index. For more information about 'Tests' and other volume-related indications, see the Master the Markets book.

Re-use a Previously Saved Scan Profile

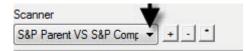
If you have already saved a scan profile and would like to reuse it, follow the steps below: Please note that the double arrow button changes its appearance.

Select the Scanner panel by clicking the double arrow button on the tool bar or pressing F12 until the scanner panel is activated.

Ella Edit View Data Fe	
Scarper	TradeGuider EOD - [S&P 5 Image: Second Se
Stan Date: 05/16/2008 Parent: SP 500 Index Strong Stocks	SINX 01 May 08

Select the previously viewed scan profile from the drop down list.

Update a Scan Profile



Select the Scanner panel by clicking the double arrow button on the tool bar or pressing F12 until the scanner panel is activated.

Please note that the double arrow button changes its appearance.

Select the previously viewed scan profile from the drop down list.

To update the scan, select the asterisk.



Delete a Scan Profile



arrow button changes its

appearance.

Select the Scanner panel by clicking the double arrow button on the tool bar or pressing F12 until the scanner panel is activated.





Select the previously viewed scan profile from the drop down list.

To delete the scan, select the minus sign.

The Indicator Scanner

The Indicator Scanner is the tool you should use to screen stocks for potential movement, due to:

Imbalances of supply and demand

OR

Changes in trend

The scanner utilizes our unique Volume Spread Analysis (VSA) technology to perform a complex amount of analysis for all the stocks in your portfolio. You have the freedom to tell the scanner how far back in time you want the analysis to take place, although we would advise you accept the default value of 20 days (or whatever the timeframe is that you're using). At the end of the scan, you'll be presented with a report that shows all the VSA and trending indicators for the stocks in your chosen folder.

The Indicator Scanner is designed to be easy to use, yet extremely powerful – everything is controlled by a simple Wizard, which guides you through the various steps. To summarize, the Indicator Scanner helps you to save time by scanning a folder of stocks or commodities to see if there are any candidates that have just experienced a trend break-out, or a continuation of trend indicator

A favourite way of using the Indicator Scanner is to look for situations where there is:

1) a VSA sign of strength (green indicator)

AND

2) an upwards-facing trend indicator (blue triangle) that coincides with it, or is in close proximity to it.

The above guideline can be reversed if you wish to screen for movements to the short side (i.e. a VSA sign of weakness (red indictor) AND a downwards-facing trend indicator.)

Creating a New Indicator Scan Profile

A Scan Profile has to be created the very first time the Indicator Scanner is used. A different profile can be set up and customized for each of your scanning tasks. Here are a few examples of the type of Scan Profile you may wish to create:

Dow Jones Industrial stocks that have shown a change of supply or demand over the last few days.

S&P stocks which have shown short-term changes in supply or demand AND have started to trend

Industry Sectors that have started to trend and are showing signs of professional buying or selling.

Commodities that are experiencing volume-related strength or weakness.

To create you first Scan Profile, follow the steps below:

Select Scanners...Indicator Scanner.



The Indicator Scanner Wizard will be displayed	Indicator scanner	
(See picture below.) Select Create a new scan profile.	Choose the task you want to perform Would you like to : Create a new scan profile Be-use a previously saved scan profile	TradeGuider

Click the Next button to continue onto the next stage of setting up the Scan Profile.

Setting the Indicator Filters

When the scan is performed, TradeGuider is able to apply the following filters: Volume-related supply or demand changes, by using our Volume Spread Analysis (VSA) technology. This analysis method is looking at changes in volume, spread and price, to assess the likelihood of professional activity in the market, which would imply the potential for a price change soon after.

Trend-related changes, which combines price change with volatility breakouts, to give you an accurate method of assessing probable trending movements.



Choosing the Scan Period

Step 2 - Collect data for how man Last 20 () b Choose <next> to continue or <cancel> to e</cancel></next>	ars Cancel Back	Now is the time to select how far you would like to go back when performing the scan. You can select any period between the last 5 and 30 bars. However, for most purposes the default value of 20 is
	IVEAL	value of 20 is sufficient (see below).

Click the Next button to continue onto the next stage of setting up the Scan Profile.

You don't need to set a Scan Date when using the Indicator Scanner, because TradeGuider is only interested in looking at what has happened during the most recently collected data.

Choosing the Items to Scan



5. When you're ready to move on to the next step, just click the **Next** button to choose the stocks you wish to scan.

You will be presented with a dialogue box that enables you to select the scan list symbols.

To quickly populate the scan list, you can select from the following options: add a complete watch list, add selected charts, add a complete Metastock folder, and add selected Metastock files.

Select Add a complete watchlist.

Select S&P500 Component and click Open.

Select **Next** in the dialog box pictured below.

Enter a Scan Profile Name of less than 40 characters and click Done.

In the interests of efficient performance, we would recommend setting up an individual stock scan for each of your stock (or commodity) folders, rather than combining multiple stock folders into one global scan that contains potentially thousands of stocks.

can list:			
Select	Scan list		TradeGuide
Charts		20	
Add a complete watchlist			
Add selected charts			
Metatock			
Add a complete folder			
Add selected files			Cancel
Delete selected items			Back
	Total number of charts		Next

Step 5 - Manie Tou	r Scan Profile	
Choose a name for the Sca	an Profile that you have just created:	TradeGuider
S&P 500 Component	Indicator Scanner	
	to a maximum of 40 characters. Use a bes the intended use of the scan profil	
Note - This version of Trad- is not limited in the charact	eGuider does not use this text as a file iers that may be used.	name and
		Cancel
		Back

The Indicator Scanner in Motion

When the Indicator Scanner is running, you will see each chart momentarily displayed on the screen. You will also see a Progress Gauge displayed in the top left corner of the screen. Despite the complexity of the analysis employed within the indicator scanner, the whole process will be complete within a minute or so for the 500 stocks within the S&P 500 index.

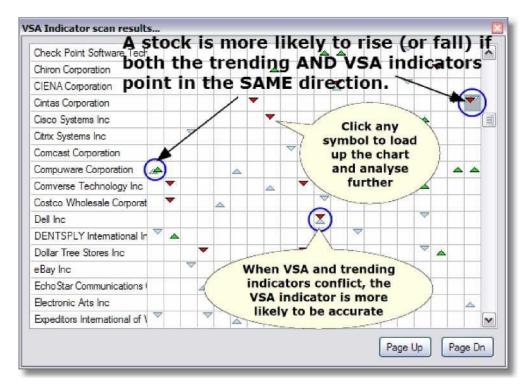
Scan list		
ocarrise		TradeGuid
WYNDHAM WORLDWIDE	~	
UNITED STATES STEEL		
XCEL ENERGY INC		
XL CAPITAL LTD		
XILINX INC		
EXXON MOBIL CP		
XEROX CP		
XTO ENERGY INC		
YAHOO INC		
YUM BRANDS INC		ų
ZIONS BANCORP		Cancel
ZIMMER HOLDINGS INC		
	-	Back
	UNITED STATES STEEL XCEL ENERGY INC XL CAPITAL LTD XILINX INC EXXON MOBIL CP XEROX CP XTO ENERGY INC YAHOO INC YUM BRANDS INC ZIONS BANCORP	UNITED STATES STEEL XCEL ENERGY INC XL CAPITAL LTD XILINX INC EXXON MOBIL CP XEROX CP XTO ENERGY INC YAHOO INC YUM BRANDS INC ZIONS BANCORP

Number of securities in scan list	500
Number scanned successfully.	461
Number of charts raising errors:	0

Interpreting the Indicator Scanner Results

Once the scan has completed, you'll be presented with a table showing a screened list of stocks (or commodities) according to your criteria. The table is sorted in alphabetical order to make it easy to find particular stocks you are interested in.

If you would like to visually analyze any of the stocks (or commodities) in the list, simply click the symbol you are interested in viewing and the relevant chart will be immediately loaded for you to scrutinize.



To search the list, use the scroll bar, or the Page Up and Page Down buttons. The screen list of VSA and trending indicators is showing you all the stocks (or commodities) that are poised for a move. You will find some general guidelines below which will help you to interpret the scanner results:

You should be wary if you observe a conflict between a VSA and trending indicators. Generally, you should give more bias to the VSA indicator, which tends to be the more accurate. A stock (or commodity) is more likely to rise or fall when the VSA and trending indicators point in the same direction.

When you see clustering of VSA/trending indicators, you should take this as a more serious indication that a price change is afoot. So if you saw 2 or 3 green indicators together on the same row of the table, there is a strong chance that the stock will rise in price.

If you see a column in the table that shows many green indicators, then this shows strength coming in across all these stocks at the same time (the opposite is true if you see a column of red VSA indicators). In this example, the clustering of indicators is evidence that the stock will rise in price.

Use other techniques as confirmation, such as the Diamonds, support & resistance, trend clusters etc.

Re-using a Previously Saved Scan Profile

If you have already saved a scan profile and would like to re-use it, follow the steps below:

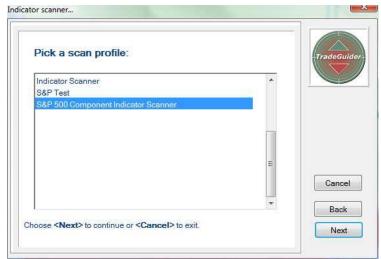
Select Scanners...Indicator Scanner





Choose the scan profile you wish to use from the list. In the example below, we have chosen the "S&P 500 Component Indicator Scanner".

Then click the Next button to run the scan.



Modify a Previously Saved Scan Profile

If you have already saved a scan profile and would like to modify it, follow the steps below:



Click Next button to continue.

Pick a scan profile:		TradeGuide
Indicator Scanner		
S&P Test		
S&P 500 Component Indicator Scanner		
	E	
		Cancel
		Back

Choose the scan profile you wish to use from the list. In the example below, we have chosen the S&P 500 Component Indicator Scanner and click Next.

Choose the types of indicators to include in your scan as described earlier on page 112 (Setting the Indicator Filters) Set the Scan Period as previously described on page 113 (Choosing the Scan Period)

Choose the stocks that you wish to use in the scan, as detailed on pages 113 (Choosing the Stocks to Scan).

Name the Scan Profile. Finally, click the Done button to finish.

View Previous Scan Results

If you have already saved a scan profile and would like to view the results of it, follow the steps below:

Select Scanners...Indicator Scanner. Select View a previous set of scan results

Choose the task you want to perform	TradeGuid
Would you like to :	
Create a new scan profile	
Re-use a previously saved scan profile	
Modify a previously saved scan profile	
• View a previous set of scan results ?	Cancel
	Back
	Back

Click Next to continue.

Choose the scan profile you wish to use from the list. In the example below, we have chosen the S&P 500 Component Indicator Scanner.

Click Next to view the results.