

Expert Analysis report

Note

Unless noted otherwise, all reports are available in both daily and weekly versions.

The Expert Analysis report is a quick daily reference of stocks to watch. The stocks in your data base are ranked based on their current Expert Rating values. There are two Expert Analysis reports, an upside report and a downside report. The upside report ranks stocks by the strength of their upside Expert Ratings while the downside report ranks stocks based on their downside Expert Ratings.

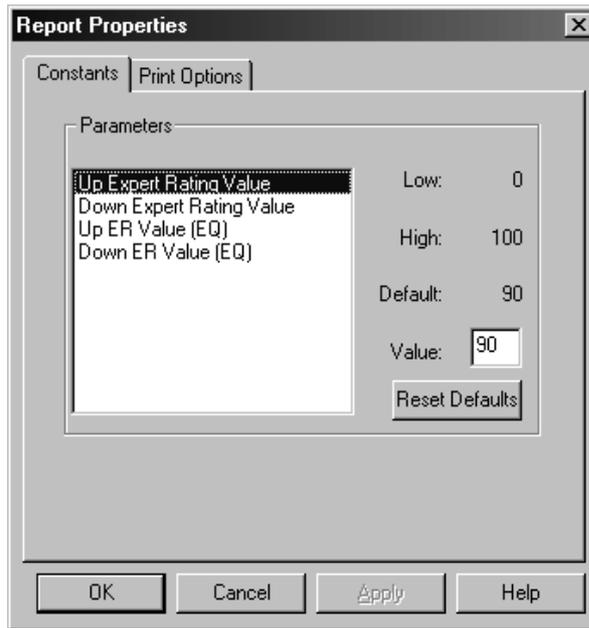
In addition to the common data items found on all stock reports, the Expert Analysis report includes the Expert Rating (ER) for each stock on the date of the report. ER values are listed in descending order starting with the strongest, upside or downside.

Expert Analysis Report										
05/01/98 -- Daily										
Upside Expert Rating										
Ticker	Stock	ER	Price	%Chg	TS	DTS	Group	TS	DTS	
AAGP	Active App...	99	2 5/32	(4)	(45)	17	CONS4	95	8	
WSCI	Washingto...	99	6 3/4	(6)	68	13	ELECT4	(53)	(90)	
SLIC	Semicondu...	98	3/4	(14)	(99)	(6)	ELECT10	55	6	
WSDI	Wall Str De...	94	3 17/32	9	94	11	RETAIL11	69	8	
BFC	Blackrock ...	92	15 9/16	2	(69)	30	FINAN9	(55)	31	
WSB	Washingto...	92	8	2	90	7	FINAN10	(68)	2	
WSKI	Winter Spo...	89	10 3/4	2	82	4				
MFAC	Market Fac...	87	23 1/4	4	87	23	BUSIN1	75	25	
MESA	Mesa Airs I...	84	8 1/8	6	(50)	33	TRANS2	69	20	
SLS	Selas Corp...	84	9 3/4	2	72	(8)	MACHIN...	(56)	5	
SMCC	Smc Corp	83	7 5/8	8	(73)	1	BUILD8	67	127	
AAME	Atlantic Am...	80	4 1/2	0	95	(1)	INSURE6	50	118	
SLMD	Spacelabs ...	80	17 7/8	(5)	(87)	0	MEDIC7	85	32	
BETS	Florida Ga...	76	1 3/4	6	98	0	ELECT1	(30)	21	
SLP	Sun Energ...	76	4 3/8	3	38	63	OIL11	94	8	
WRP	WELLSFO...	76	14 1/4	(1)	(99)	0	FINAN2	(67)	15	
WSGC	WILLIAMS...	67	28.38	2	(61)	30	RETAIL8	58	97	

*Expert Analysis Report
Daily Upside Expert Rating*

Changeable Report Criteria

Parameters that directly affect the Expert Analysis report may be changed with the *Report Properties* function on the *Reports* sub-menu (see *Report Properties settings*, Section 3 of this chapter).



Expert Analysis constants (Report Properties dialog box)

Changeable parameters for the Expert Analysis report are as follows:

Note

You can restore all constants to their default settings. Click the **Report Properties** command on the **Reports** sub-menu, select the **Constants** page, and choose **Restore Defaults**.

Up Expert Rating Value

This is the minimum Expert Rating upside value that will appear on the Expert Analysis report. The default value of zero allows all stocks in the data base to appear on the report. If a value of 50 is entered, then only stocks with upside Expert Ratings greater than 50 will appear on the report.

Down Expert Rating Value

This is the minimum Expert Rating downside value that will appear on the Expert Analysis report. The default value of zero allows all stocks in the data base to appear on the report. If a value of 50 is entered, then only stocks with downside Expert Ratings greater than 50 will appear on the report.

Up ER Value / Down ER Value

These ER values differ from the above Expert Rating values, which are minimum values. ER values are used to produce a report that lists specific Expert Ratings (e.g. Up ER = 16, Down ER = 56). If values greater than 0 are entered for these two values, the Expert Analysis report will list only those tickers with the specified Expert Ratings.

Action List

The Action List is a prime signal generator in TradingExpert Pro. Securities on this report are those whose Price Phase indicator has changed in direction, confirming Expert Ratings and telling you it's time to consider taking action. Whether you consider the up or the down signals depends upon the current market direction and your feeling about the continuation of that market direction.

The Action List is divided into two reports. The first report lists the stocks with an increasing Price Phase indicator and the second report lists those stocks with a decreasing Price Phase indicator. The stocks are listed in alphabetical order by their ticker symbols.

Action List										
05/01/98 -- Daily										
Downside Expert Rating										
Ticker	Stock	ER	Price	%Chg	TS	DTS	Group	TS	DTS	
AAGIY	Anglo Amern ...	95	4 7/8	(8)	96	(0)	METAL1	66	23	
AAIR	Airways Corp	86	8 3/4	4	99	5	TRANS2	69	20	
SLOT	ANCHOR GA...	96	83 1/2	2	70	16	LEISURE1	(56)	33	
SLTI	Surgical Laser...	79	1 1/8	(12)	90	(6)	LASER1	94	(2)	
SMAN	Standard Mgm...	1...	7 1/2	1	86	(8)	INSURE4	(75)	2	
WS	Weirton Steel ...	86	4	2	99	(0)	METAL9	69	126	

Action List

In addition to the common data items found on all stock reports, the Action List includes Expert Rating (ER) values. In the case of a stock with an increasing Price Phase indicator, the ER is the maximum upside rating during a specified number of prior market days. If the Price Phase is decreasing, the ER is the maximum downside rating during the specified number of prior market days.

Changeable Report Criteria

Several parameters that directly affect the Action List may be changed by the user with the *Report Properties* function on the sub-menu of *Reports* (see *Report Properties settings*, Section 3 of this chapter). These parameters are as follows:

Phase Change Period

This is the period of time during which the ER must be confirmed by the Price Phase indicator. The default, one day, signifies that only those ER's confirmed on the report date will appear on the report.

Expert Rating Period

Beginning with the report date and moving back in time, this is the time period that the system examines for the highest ER.

Up ER Value

This value controls the minimum Expert Rating upside value that will appear on the Action List.

Down ER Value

This value controls the minimum Expert Rating downside value that will appear on the Action List.

Tip

You can limit the number of pages that are printed for reports.

To limit pages, follow these steps:

1. The dialog box for *Report Properties* contains a tab called *Print Options*.
2. Select the *Print Pages* option and type in the number of pages you want printed.

Weighted Action List

The Weighted Action List displays stocks with confirmed buy and sell signals. This report is very similar to the Action List in that it lists securities with high upside and downside Expert Ratings. However, instead of securities being listed alphabetically the securities are sorted by two indicators, the Positive Volume Index and Negative Volume Index. To limit the number of securities that appear, the Weighted Action List is confined by default to ER's of 90 or higher. The securities will remain on the list for three days after their confirmation date. These default criteria can be changed by the user.

The format of the Weighted Action List is the same as the Action List with the exception of an additional data column labeled *Wt*, an abbreviation for weight. Weight is a relative value which is derived from the Positive and Negative Volume Indices. Which of the two indices is used depends on the direction of the Expert Rating signal. The Positive Volume Index is used for up signals, and the Negative Volume Index is used for down signals.

Weight is expressed as a number between 99 and 0, with 99 representing the security with the highest index value, whether the value represents the Positive or Negative Volume Index. For up signals, a value of 99 is assigned to the stock with the highest Positive Volume. For down signals, 99 represents the stock with the weakest Negative Volume.

Weighted Action List										
05/01/98 -- Daily										
Upside Expert Rating										
Tickr	Stock	Wt	ER	Price	%Chg	TS	DTS	Group	TS	
ADJ	Acme United Corp. (Com.)	99	100	53/8	(2)	(70)	25	MEDIC7	65	
WRFS	Weston Resources, Inc. (Co.)	80	98	63/8	19	97	2	BUSIN1	75	
IGT	Income Opportunity Realty Tr...	80	100	11 1/2	(1)	98	5	FINAN6	68	
WVB	Washington Savings Bank, F...	73	97	8	2	90	7	FINAN10	(68)	
IDI	Integrated Orthopedics Inc	60	100	67/16	5	(51)	(3)	MEDIC9	76	
JANX	Jakks Pacific Inc.	59	94	10 1/2	8	95	5	LEISURE7	68	
KDFN	Kapin Corp	54	98	18 1/8	9	87	22	ELECT6	54	
WVGC	WILLIAMS SONOMA INC	54	98	28/32	2	(61)	30	RETAIL8	58	
ACYT	ACYT	49	98	73/8	11	32	(23)	MEDIC7	65	
JASN	Jason Inc	48	98	10 1/4	3	(66)	33	ALTCO2	(69)	
ADV	Alberio Culver Co	39	99	29 3/8	1	(63)	2	CONS2	54	
UCM	Unicom Corp	38	98	34 21/...	5	78	32	UTILTY1	26	
INVT	Innov Laboratories Inc	38	98	15/32	(6)	(80)	(4)	MEDIC1	76	
KD	Coca Cola Co	36	98	76 3/16	3	63	120	FOOD2	(49)	
WRP	WELLSFORD RESIDENTIA...	36	96	14 1/4	(1)	(99)	0	FINAN2	(67)	

Weighted Action List.

The Weighted Action List is divided into two reports. The first report lists stocks with confirmed up signals, weighted by Positive Volume. The second report lists stocks with confirmed down signals, weighted by Negative Volume.

A feature of the Weighted Action List is the *Up - Down Signal Ratio*, which appears in the Title Bar of the report. This is a ratio of the number of highly rated up signals versus the number of highly rated down signals. The *Up - Down Signal Ratio* has shown itself to be a market timing indicator.

In addition to the common data items found on all stock reports, data items specific to the Weighted Action List include the Weight (WT) and Expert Rating (ER) signal for each stock. Accepting the default settings, the ER is the highest confirmed Expert Rating seen in the prior ten days.

Changeable Report Criteria

Several parameters that directly affect the Weighted Action List may be changed using the *Report Properties* function on the sub-menu of *Reports* (see *Report Properties settings*, Section 3 of this chapter). These parameters are as follows:

Phase Change Period

This parameter controls the number of days that the stock will appear on the report after the Price Phase indicator confirms the Expert Rating.

Expert Rating Period

The number of days the system looks back in time from the confirmation date for a high Expert Rating is controlled by this parameter.

Up ER Value

This value controls the minimum upside Expert Rating for a stock to appear on the report.

Down ER Value

This value controls the minimum downside Expert Rating for a stock to appear on the report.

Signal Review (daily only)

The Signal Review report gives a snapshot view of all securities in your database that have had high Expert Ratings within a specified period of time. The report includes both confirmed and unconfirmed signals. For those Expert Rating signals that have been confirmed by a Price Phase direction change, the date of the confirmation is also shown.

Signals are listed in order of the date of the Expert Rating, with the earliest signal at the top of the list.

Signal Review is divided into two reports. The first report lists upside Expert Ratings, and the second lists downside Expert Ratings.

Signal Review
EXP:USD - Daily
Upside

Ticker	ER	Date	Price	Confirm	Price	Gain%	Confirm	Gain%
PHO	58	8/23/90	536 1/2			0	540	1
GIC	58	8/23/90	53	03/20/98	53	3	54 1/2	3
COX	58	8/31/90	18 3/4	03/1/98	18 3/4	(2)	18 3/8	(2)
SMI	58	8/31/90	48 7/8	03/16/98	48 7/8	(2)	28 1/4	(2)
FTL	58	8/31/90	1 3/8	03/16/98	1 3/8	(2)	1 5/16	(2)
GDP	58	8/31/90	12 3/16	03/16/98	12 3/16	(2)	11 3/16	(2)
LDG	58	8/31/90	18	03/16/98	18	(1)	18 3/4	(1)
SPLS	58	8/31/90	22 7/8	03/16/98	22 7/8	(2)	22 3/8	(2)
TWC	58	8/31/90	83 1/16	03/16/98	83 1/16	1	84 1/4	1
NTRB	58	8/31/90	58 11/16	03/15/98	58 11/16	19	67 1/32	19
HIG	58	8/31/90	33 3/8	03/15/98	33 3/8	20	48	28
PLE	58	8/31/90	14 13/16	03/15/98	14 13/16	7	15 7/8	7
EMR	108	8/31/90	43 5/16	03/15/98	43 5/16	6	46 1/8	6
UST	58	8/31/90	19 1/2	03/15/98	19 1/2	7	19 13/16	7
LNC	58	8/31/90	25 1/16	03/15/98	25 1/16	17	29 5/16	17
OK	58	8/31/90	27 1/8	03/15/98	27 1/8	12	30 3/8	12
OPL	58	8/31/90	38 11/16	03/15/98	38 11/16	5	32 1/4	5
UNM	58	8/31/90	13 1/2	03/15/98	13 1/2	1	13 11/16	1
TWSTY	108	8/31/90	68 3/8			0	68 1/2	0
CI	58	8/31/90	85 1/16	03/15/98	85 1/16	8	78 3/16	8
SOFR	108	8/31/90	23 15/16	03/15/98	23 15/16	0	24	0
SUNW	58	8/31/90	67 3/8	03/1/98	66 1/8	3	69 1/4	14
MDR	58	8/31/90	8 15/16	03/16/98	8 15/16	(6)	9 5/16	4
ChS	58	8/31/90	12 1/4	03/1/98	12 1/4	12	13 3/4	12
QVW	58	8/31/90	45 1/2	03/1/98	45 1/2	14	51 7/8	14

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Signal Review-
Upside report

Data items on the Signal Review report are explained below:

Ticker: Symbol of a security

ER: Expert Rating signal.

Date: Of the Expert Rating signal.

Price: Closing price on the date the signal was generated.

Confirm: Date of the signal confirmation (if there has been one) by a change in the direction of the Phase Indicator.

Price: Closing price on the date of the confirmation.

Gain % (Third column from right): This percentage gain is the change in price since the date of the confirmation. A positive number means that the price is moving in the direction of the signal, whether up or down. If the percentage gain is negative, the current price of the security is moving against the direction of the signal.

Current: Price of the security on the day of the report.

Gain % (far right column): This percentage gain is the change in price since the date of the signal.

Changeable Report Criteria

The minimum Expert Rating for this report is determined by the user. The number of days since the phase change and the number of days since the Expert Rating are also user changeable. These parameters may be changed using the *Report Properties* function on the sub-menu of *Reports*. These parameters are as follows:

Phase Change Period

This parameter controls the number of days that the ticker will appear on the report after the Price Phase indicator confirms the Expert Rating.

Expert Rating Period

The number of days the system looks back in time from the confirmation date for a high Expert Rating is controlled by this parameter.

Up ER Value

This value controls the minimum upside Expert Rating for a security to appear on the report.

Down ER Value

This value controls the minimum downside Expert Rating for a security to appear on the report.

New Highs/New Lows report

The New Highs/New Lows report lists stocks that have moved to new high or low prices. Investors who prefer to buy into a trend like to examine these situations for upside or downside breakouts.

This report has two versions. The New Highs report lists stocks that have reached new high prices over a recent time period. The New Lows report lists stocks that have reached new low prices.

Ticker	Stock	%Chg	Price	TS	DTS	Group	TS	DTS
UDL	United Dominion Industries Ltd	10	34 5/32	100	30	METALS	64	14
JBAK	Baker J Inc	9	11 3/4	95	13	RETAIL	97	10
NCEM	National City Bancorporation	5	34 5/16	100	0	BANK2	45	115
JD	Johnson Dts Inc	5	67	65	120	DIVER1	73	3
AAR	Aarway Corp	4	8 3/4	99	5	TRANS2	69	20
INTV	INTERVOICE INC	4	13	98	4	TELE2	94	3
UFC	Universal Foods Corp	4	50 1/8	94	20	FOOD0	(53)	19
KOR	Koer Industries Ltd ADR	3	25 25/...	96	10	DIVER1	73	3
UBAN	Urbancorp Inc Pa	2	81	76	12	BANK4	(80)	7
KNGT	Knight Tennen Inc	1	21 5/16	99	(8)	TRANS7	73	(7)
KNAP	Knappe & Vogt Mfg Co	0	23	68	16	FURNIT1	(30)	24
NC	Nacco Inds Inc	(1)	167 3/8	96	(8)	MACHINES	93	11

New Highs/New Lows report

Changeable Report Criteria

Two parameters that directly affect the New Highs/New Lows reports may be changed by the user with the *Report Properties* function on the sub-menu of *Reports* (see *Report Properties settings*, Section 3 of this chapter). These parameters are as follows:

Time Period

The number of days used in the new high/new low calculation can be modified. The default, 240, indicates that a stock that appears in the new high section has reached a price higher than any other price in the last 240 days. The same is true for the new low section.

Search Period

This parameter is the number of days, beginning with the current day and moving back in time, that the system searches for a new high or low. The default is five, indicating that every stock listed has reached a new high or low in the last five days.

Reminder...

The documentation for each report is applicable to both the daily and weekly version of the report.

Price Change-Upside report

The Price Change-Upside report ranks stocks by price percentage gain over a given time period. This is a helpful report for users who want a list of strong performing stocks.

The report has two versions. The first version lists stocks with the largest percentage gain over a Short Term time period, and the second version lists stocks with large percentage gains over a Long Term time period. The *Percent* data column lists the percent change of each security over the Short Term and Long Term time periods, respectively. These time periods are changeable.

Upside Price Change Report							
05/01/98 -- Daily							
Short Term							
Ticker	Stock	Percent	Price	TS	DTS	Group	TS ▲
META	Metatec Corp	26	6	85	0	DIVER1	73
SLR	SOLECTRON CORP	11	46 21/32	88	4	ELECT4	(53)
SLTI	Surgical Laser Tech Inc	9	1 1/8	90	(6)	LASER1	94
WSDI	Wall Str Deli Inc	9	3 17/32	94	11	RETAIL1	69
SMCC	Smc Corp	8	7 5/8	(73)	1	BUILD8	67
SMAN	Standard Mgmt Corp	7	7 1/2	86	(8)	INSURE4	(75)
BEV	Beverly Enterprises	7	16 1/32	66	132	MEDIC8	(65)
AAIR	Airways Corp	6	8 3/4	99	5	TRANS2	69
MESA	Mesa Airls Inc	6	8 1/8	(50)	33	TRANS2	69
WRS	Winston Resources, Inc. (Co...	5	6 3/8	97	2	BUSIN1	75
METS	Met Coil Sys Corp	4	3 1/4	77	30	MACHINE4	(56)
SLVN	Sylvan Learning Sys Inc	4	51	(87)	5	SCHOOL1	87
SLP	Sun Energy Partners Dep U ...	3	4 3/8	38	63	OIL11	94
AAGIY	Anglo Amern Gold Invt Ltd	3	4 7/8	96	(0)	METAL1	66
SLS	Selas Corporation of America ...	3	9 3/4	72	(8)	MACHINE4	(56)
WS	Weirton Steel Corp	2	4	99	(0)	METAL9	69
WSKI	Winter Sports Inc	2	10 3/4	82	4		

Price Change-Upside report

Changeable Report Criteria

The Short Term and Long Term time periods for the Price Change-Upside report may be changed by the user with the *Report Properties* function on the sub-menu of *Reports* (see *Report Properties settings*, Section 3 of this chapter).

Price Change-Long

This parameter defines the time period used in the *Percent* change calculation for the Long Term time period.

Price Change-Short

This parameter defines the time period used in the *Percent* change calculation for the Short Term time period.

Price Change-Downside report

The Price Change-Downside report ranks stocks by price percentage loss over a given time period. This is a helpful report for users who want a list of poor performing stocks.

Like the upside report, the downside report has two versions. The first version lists stocks with the largest percentage loss over a Short Term time period, and the second version lists stocks with large percentage losses over a Long Term time period. The *Percent* data column lists the percent change of each security over the Short Term and Long Term time periods, respectively. These time periods can be modified by the user.

Downside Price Change Report
05/01/98 -- Daily
Short Term

Ticker	Stock	Percent	Price	TS	DTS	Group	TS
SLIC	Semiconductor Laser	(41)	3/4	(99)	(6)	ELECT10	55
SLV	Silverado Foods, Inc. (Com.)	(21)	0.44	(65)	(16)	FOOD8	(53)
AAGP	Active Apparel Group	(19)	2 5/32	(45)	17	CONS4	95
MERX	Merix Corp	(14)	14	(82)	4	ELECT6	54
AAHS	Childrens Broadcasting Corp	(11)	3 5/32	53	115	MEDIA6	85
AAM	AAMES Financial Corp	(9)	13 7/8	(57)	11	FINAN7	(82)
SLT	Salant Corp	(8)	11/16	91	(7)	CONS4	95
SLM	STUDENT LOAN MKTG	(8)	42 25/...	(99)	(1)	FINAN1	85
AAME	Atlantic American Corp	(8)	4 1/2	95	(1)	INSURE6	50
SLMD	Spacelabs Medical Inc	(6)	17 7/8	(87)	0	MEDIC7	85
WSGC	WILLIAMS SONOMA INC	(6)	28.38	(61)	30	RETAIL8	58
AACE	Ace Cash Express Inc	(5)	16	66	19	FINAN12	56
WSBC	Wesbanco Inc	(4)	27 1/4	(23)	2	BANK5	62
BEST	Best Prods Inc New	(4)	19	77	2	COMP10	54
BFCI	Brauns Fashions Corp	(4)	13 1/8	98	12	RETAIL1	97
WSCI	Washington Scientific Inds I	(4)	6 3/4	68	13	ELECT4	(53)
MF	Malaysia Fund Inc	(3)	7 1/16	49	110	FINAN8	(60)

Price Change-Downside report

Changeable Report Criteria

The Short Term and Long Term time periods for the Price Change-Downside report may be changed by the user with the *Report Properties* function on the sub-menu of *Reports* (see *Report Properties settings*, Section 3 of this chapter).

Reminder...

You can restore all constants to their default settings. Click the **Report Properties** command on the **Reports** sub-menu, select the **Constants** tab, and choose **Restore Defaults**.

Price Change-Long

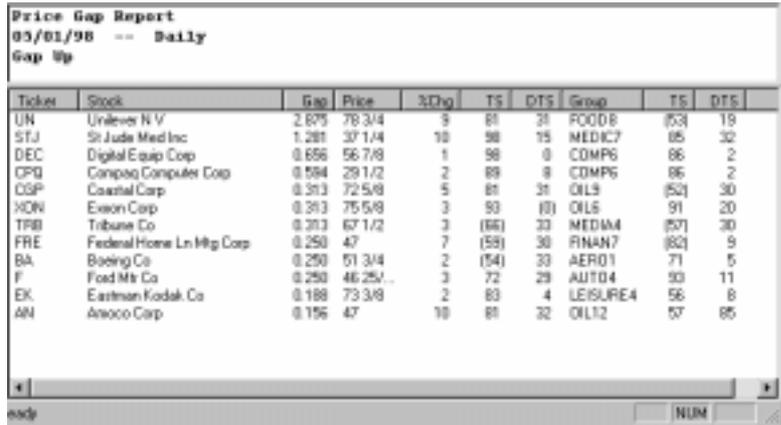
This parameter defines the time period used in the *Percent* change calculation for the Long Term time period.

Price Change-Short

This parameter defines the time period used in the *Percent* change calculation for the Short Term time period.

Price Gap report (daily)

Price gaps show extreme buying/selling pressure. An upside gap occurs when the low price of a security on a particular day is higher than the highest price on the prior day. The opposite is true for a stock that gaps lower.



Price Gap Report
03/01/98 -- Daily
Gap Up

Ticker	Stock	Gap	Price	%Chg	TS	DTS	Group	TS	DTS
UN	Unilever N V	2.875	78 3/4	9	81	31	FOOD8	(53)	19
STJ	St Jude Med Inc	1.281	37 1/4	10	98	15	MEDIC7	85	32
DEC	Digital Equip Corp	0.656	56 7/8	1	98	0	COMP6	86	2
CPQ	Compaq Computer Corp	0.594	29 1/2	2	89	8	COMP6	86	2
CSP	Coastal Corp	0.313	72 5/8	5	81	31	OIL9	(52)	30
XON	Exxon Corp	0.313	75 5/8	3	93	(3)	OIL5	91	20
TRB	Tribune Co	0.313	67 1/2	3	(66)	33	MEDIA4	(57)	30
FRE	Federal Home Ln Mtg Corp	0.250	47	7	(59)	30	FINAN7	(62)	9
BA	Boeing Co	0.250	51 3/4	2	(54)	33	AERO1	71	5
F	Food Mtr Co	0.250	46 25/...	3	72	29	AUTO4	93	11
EK	Eastman Kodak Co	0.188	73 3/8	2	83	4	LEISURE4	56	8
AN	Anesco Corp	0.156	47	10	81	32	OIL12	57	85

Price Gap report

The Price Gap report is divided into two reports. The first report displays stocks that gapped up and the second report displays stocks that gapped down. In addition to the common data items found on all stock reports, the Price Gap report is sorted by the dollar amount of the *Gap*.

Changeable Report Criteria

For the Price Gap report, the following parameter may be changed by the user. To change this parameter, use the *Report Properties* function on the sub-menu of *Reports* (see *Report Properties settings*, Section 3 of this chapter).

Minimum Gap

A constraint is available which sets a minimum \$ amount for the price gap. Only stocks with a gap equal to or greater than the specified minimum amount will appear on the report. The value is entered in 1000's of a point. For example, a constraint of 126 will cause only those stocks whose gap is .126 or greater to appear on the report.

Relative Strength-Strong report

Many investors like to buy into a trend and ride that trend higher. They are interested in securities that are showing strength. The Relative Strength-Strong report provides a list of the top performing stocks in the data base.

The report is generated in two versions. The first version lists stocks showing the greatest relative strength for a Short Term time period. The second version lists stocks showing the greatest relative strength on a Long Term basis. In addition to the common data items found on all stock reports, there is an *RSR* data column, which is a relative strength rating. Stocks with a positive *RSR* have above average relative strength while stocks with a negative *RSR* are below average.

Strong Relative Strength Ranking Report							
05/01/98 -- Daily							
Short Term Relative Strength Ranking							
Ticker	Stock	RSR	Price	%Chg	TS	DTS	Group
BEST	Best Prods Inc New	23	19	(6)	77	2	COMP10
AAIR	Airways Corp	18	8 3/4	4	99	5	TRANS2
AACE	Ace Cash Express Inc	16	16	(3)	66	19	FINAN12
BERT	Bertuccis Inc	14	9 5/8	(1)	97	2	RETAIL11
AAGIY	Anglo Amern Gold Invnt Ltd	13	4 7/8	(8)	96	(0)	METAL1
BFCI	Brauns Fashions Corp	11	13 1/8	6	98	12	RETAIL1
METG	M E T A Group Inc	11	34 1/4	0	61	(6)	COMP9
META	Metatec Corp	11	6	0	85	0	DIVER1
AANB	AANB	9	16 3/4	(7)	65	7	BANK5
SLR	SOLECTRON CORP	9	46 21/...	6	88	4	ELECT4
MFAC	Market Facts Inc	8	23 1/4	4	87	23	BUSIN1
SLVN	Sylvan Learning Sys Inc	8	51	2	(87)	5	SCHOOL1
WSGC	WILLIAMS SONOMA INC	6	28.38	2	(61)	30	RETAIL8
WSCI	Washington Scientific Inds I	6	6 3/4	(6)	68	13	ELECT4
WSB	Washington Savings Bank, F...	6	8	2	90	7	FINAN10
SLOT	ANCHOR GAMING	5	83 1/2	2	70	16	LEISURE1
BFD	BostonFed Bancorp	5	24 3/8	(2)	35	(23)	FINAN10

Relative Strength-Strong report

Changeable Report Criteria

Two parameters for the Relative Strength-Strong report may be changed by the user with the *Report Properties* function on the sub-menu of *Reports* (see *Report Properties settings*, Section 3 of this chapter). These parameters are as follows:

Long Term Time Period

The user can enter the time period to be used in the relative strength calculation for the Long Term period. Although the entire time period is used in the calculation, the most weight is placed on the stock's recent performance.

Short Term Time Period

The user can enter the time period used in the relative strength calculation for the Short Term period. Although the entire time period is used in the calculation, the most weight is placed on the stock's recent performance.

Relative Strength-Weak report

The Relative Strength-Weak report provides a list of the worst performing stocks in your data base. This report can be used by investors who are seeking stocks that may be undervalued because of their poor price movement.

The report is divided into two reports. The first report lists stocks showing the lowest relative strength for a Short Term time period. The second report lists stocks showing the lowest relative strength on a Long Term basis. In addition to the common data items found on all stock reports, The Relative Strength-Weak report includes an *RSR* data column, which is a relative strength rating. Stocks with a negative *RSR* have below average relative strength.

Weak Relative Strength Ranking Report							
05/01/98 -- Daily							
Long Term Relative Strength Ranking							
Ticker	Stock	RSR	Price	%Chg	TS	DTS	Group
SLIC	Semiconductor Laser	(54)	3/4	(14)	(99)	(6)	ELECT10
SLT	Salant Corp	(36)	11/16	0	91	(7)	CONS4
SLV	Silverado Foods, Inc. (Com.)	(24)	0.44	0	(65)	(16)	FOOD8
AAGP	Active Apparel Group	(23)	2 5/32	(4)	(45)	17	CONS4
BETM	American Wagering	(18)	5 3/16	(1)	34	(27)	LEISURE1
BETS	Florida Gaming Corp	(18)	1 3/4	6	98	0	ELECT1
MF	Malaysia Fund Inc	(17)	7 1/16	1	49	110	FINAN8
WSKI	Winter Sports Inc	(9)	10 3/4	2	82	4	
SLMD	Spacelabs Medical Inc	(7)	17 7/8	(5)	(87)	0	MEDIC7
SMCC	Smc Corp	(6)	7 5/8	8	(73)	1	BUILD8
SLTI	Surgical Laser Tech Inc	(5)	1 1/8	(12)	90	(6)	LASER1
AAGIY	Anglo Amern Gold Invt Ltd	(4)	4 7/8	(8)	96	(0)	METAL1
SLS	Selas Corporation of America ...	(3)	9 3/4	2	72	(8)	MACHINE4
SLP	Sun Energy Partners Dep U ...	(3)	4 3/8	3	38	63	OIL11
AAHS	Childrens Broadcasting Corp	(2)	3 5/32	(6)	53	115	MEDIA6
WSDI	Wall Str Deft Inc	(1)	3 17/32	9	94	11	RETAIL11
MERX	Merix Corp	(0)	14	(7)	(82)	4	ELECT6

Relative Strength-Weak report

Changeable Report Criteria

Two parameters for the Relative Strength-Weak report may be changed by the user with the *Report Properties* function on the sub-menu of *Reports* (see *Report Properties settings*, Section 3 of this chapter).

These parameters are as follows:

Long Term Time Period

The user can enter the time period to be used in the relative strength calculation for the Long Term period. Although the entire time period is used in the calculation, the most weight is placed on the stock's recent performance.

Short Term Time Period

The user can enter the time period used in the relative strength calculation for the Short Term period. Although the entire time period is used in the calculation, the most weight is placed on the stock's recent performance.

Reminder

You can limit the number of pages that are printed for reports.

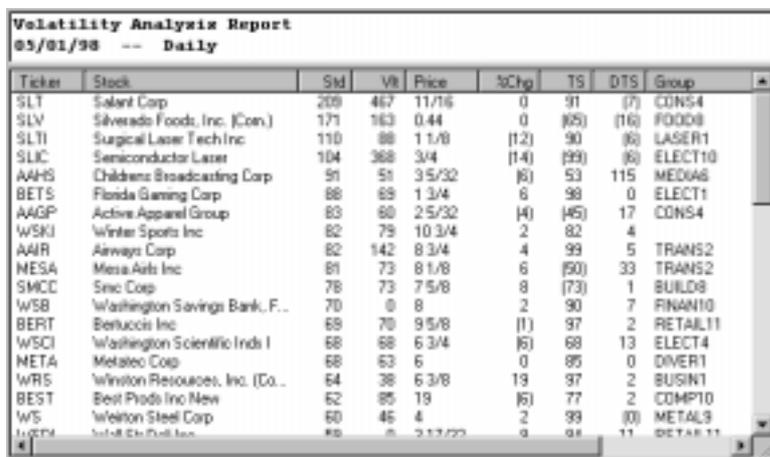
To limit pages, follow these steps:

1. The dialog box for *Report Properties* contains a tab called *Print Options*.
2. Select the *Print Pages* option and type in the number of pages you want printed.

Volatility Analysis report

The Volatility Analysis report lists those stocks that exhibit the highest levels of volatility. It is intended for use primarily by option traders who are seeking high volatility for possible stock option plays.

The report is divided into two versions. The first version lists the Short Term volatility results and the second version lists the Long Term results. In addition to the common data items found on all stock reports, the Volatility Analysis report includes two volatility measurements. *Std* is the annualized standard deviation, similar to what is used in the Black-Scholes option pricing formula. *Vlt* is a standard volatility formula that looks at the percentage difference between the stock's high and low price over a given time period.



Volatility Analysis Report
05/01/98 -- Daily

Ticker	Stock	Std	Vlt	Price	%Chg	TS	DTS	Group
SLT	Selent Corp	209	467	11/16	0	91	07	CONS4
SLV	Silverado Foods, Inc. (Com.)	171	163	0.44	0	(65)	(16)	FOOD8
SLTI	Surgical Laser Tech Inc	110	88	1 1/8	(12)	90	06	LASER1
SLIC	Semiconductor Laser	104	368	3/4	(14)	(99)	06	ELECT10
AAHS	Childrens Broadcasting Corp	91	51	3 5/32	(6)	53	115	MEDIA6
BETS	Florida Gaming Corp	88	69	1 3/4	6	98	0	ELECT1
AAGP	Active Apparel Group	83	60	2 5/32	(4)	(45)	17	CONS4
WSKJ	Winter Sports Inc	82	79	10 3/4	2	82	4	
AAIR	Aerways Corp	82	142	8 3/4	4	99	5	TRANS2
MESA	Mesa Arts Inc	81	73	8 1/8	6	(90)	33	TRANS2
SMCC	Smc Corp	78	73	7 5/8	8	(73)	1	BUILD8
WSB	Washington Savings Bank, F..	70	0	8	2	90	7	FINAN10
BERT	Bertucci Inc	69	70	9 5/8	(1)	97	2	RETAIL1
WSCI	Washington Scientific Inds I	68	68	6 3/4	(6)	68	13	ELECT4
META	Metaco Corp	68	63	6	0	85	0	DIVER1
WRS	Winston Resources, Inc. (Co..	64	38	6 3/8	19	97	2	BUSINT
BEST	Best Prods Inc New	62	85	18	(6)	77	2	COMP10
WST	Weldon Steel Corp	60	46	4	2	99	(0)	METALS
WSTN	Wilton Steel Corp	48	0	2 11/32	0	94	11	DETAL11

Volatility Analysis report

Changeable Report Criteria

Two parameters for the Volatility Analysis report may be changed by the user with the *Report Properties* function on the sub-menu of *Reports* (see *Report Properties settings*, Section 3 of this chapter). These parameters are as follows:

Short Term

This parameter defines the time period to be used for Short Term volatility calculations.

Long Term

This parameter defines the time period to be used for Long Term volatility calculations.

Accumulation/Distribution report

The Accumulation/Distribution report lists those stocks that are showing the most accumulation or distribution. A stock under accumulation tends to rise and close near its daily high price on days of heavy volume. The Volume Accumulation Percentage and On Balance Volume Percentage indicators are used in the analysis for this report. Default settings define each indicator as equally important. The user can change the importance placed on either indicator.

The Accumulation/Distribution report has two versions. The first version lists stocks with the strongest accumulation and the second version lists stocks with the greatest distribution. In addition to the common data items found on all stock reports, the report lists a *Weight (Wt)* for each stock. The weight is expressed as a number between 99 and 0, with 99 representing the security with the most accumulation or the most distribution.

Accumulation / Distribution Report									
05/01/98 -- Daily									
Ticker	Stock	Wt	Price	%Chg	TS	DTS	Group	TS	
WRS	Winston Resources, Inc. (Co...	99	6 3/8	19	97	2	BUSIN1	75	
BERT	Bertucci's Inc	91	9 5/8	(1)	97	2	RETAIL11	69	
MFAC	Market Facts Inc	79	23 1/4	4	87	23	BUSIN1	75	
AAGIY	Anglo Amern Gold Invt Ltd	78	4 7/8	(8)	96	(0)	METAL1	66	
WSC	U. West. Scaff	72	370	(2)	22	70	INSURE6	50	
AANB	AANB	55	16 3/4	(7)	65	7	BANK5	62	
WSFS	W'sfs Finl Corp	50	22	(4)	52	111	FINAN10	(68)	
BFCI	Brauns Fashions Corp	39	13 1/8	6	98	12	RETAIL1	97	
META	Metatec Corp	36	6	0	85	0	DIVER1	73	
WS	Weirton Steel Corp	33	4	2	99	(0)	METAL9	69	
AAHS	Childrens Broadcasting Corp	32	3 5/32	(6)	53	115	MEDIA6	85	
METHA	Methode Electrs Inc	30	16 11/...	2	6	(6)	ELECT7	21	
AAACE	Ace Cash Express Inc	29	16	(3)	66	19	FINAN12	56	
WSDI	Wall Str Deli Inc	28	3 17/32	9	94	11	RETAIL11	69	
WSBC	Wesbanco Inc	25	27 1/4	(7)	(23)	2	BANK5	62	
WSCJ	Washington Scientific Inds I	21	6 3/4	(6)	68	13	ELECT4	(53)	
BEV	Beverly Enterprises	20	16 1/32	9	66	132	MEDIC8	(65)	
BEST	Best Prods Inc New	19	19	(6)	77	2	COMP10	54	
SLP	SELECTRON CORP	15	46 21/...	6	88	4	ELECT4	(62)	

Accumulation/Distribution report

Changeable Report Criteria

Two parameters for this report may be changed using the *Report Properties* function on the sub-menu of *Reports* (see *Report Properties settings*, Section 3 of this chapter). The two parameters tell the system how much importance should be placed on each indicator. The default settings weight On Balance Volume Percentage and Volume Accumulation Percentage equally (50-50). By changing the weight to, for example, 75 VA Pct and 25 OBV Pct, the reading of the Volume Accumulation Percentage indicator will play a larger role in the analysis.

Weight for OBV Pct

This percentage figure tells the system how much importance to place on the On Balance Volume Percentage indicator.

Weight for VA Pct

This percentage figure tells the system how much importance to place on Volume Accumulation Percentage.