A product of eSignal, an Interactive Data company

Version	Date
eSignal 12.1	March 2015

eSignal 12.1 introduces a host of new features and enhancements for active traders and investors. Below is a summary of the new features, enhancements and important bug fixes. For more detailed information about any of these features please visit the <u>eSignal KnowledgeBase</u> (kb.esignal.com).

See Appendix for 12.1 Update 1

### New Features

The following lists the major new features introduced in eSignal 12.1.

### Apps

### ETF Screener

The ETF Screener helps to find any exchange-traded product (ETFs, ETNs, commodity trusts etc.) across a wide range of search criteria such as fund structure, asset and sub-asset class, and sort by premiums and discounts, traded volume among other criteria.

							Downloa Downloa	d Results 2/17/2015
Saved Screens			<b>C</b> 117	4. 6				
ESIGNAL STRATEGY	SCREENS		Currei	ntly Screening:				ear All
SAVED SCREENS			😢 Exc	<u>change</u>	S Fund Structure S Fund T	<u>/pe</u>	😂 <u>Asset Class</u>	
MyScreen			😢 <u>Ma</u>	nagement Fee	<u>%</u>			
		Edit						Save
								_
<ul> <li>General Informat</li> </ul>	tion		Add Se	elected to Wate	chlist			
EXCHANGE	_	1457	All Mat	ching Results	(80 Of 1661)			
BATS NYSE	NASDAQ		Select	Fund Symbol	Fund Name	Inception Date	Management Fee %	Exchange
FUND STRUCTURE		1455		GSY	Guggenheim Enhanced Short Duration ETF	2/12/2008	0.27	NYSE
ETF ETF	ETN		>	DIVY	Reality Shares DIVS ETF		0.85	NYSE
FUND TYPE		112	>	GMMB	Columbia Intermediate Municipal Bond ETF	1/29/2010	0.35	NYSE
Active Passive	Leveraged Short	1	>	GMTB	Columbia Core Bond ETF	1/29/2010	0.35	NYSE
ASSET CLASS		1461	>	HDGE	AdvisorShares Ranger Equity Bear ETF	1/26/2011	1.88	NYSE
Blended	Commodity	/		HYLD	Peritus High Yield ETF	11/30/2010	1.35	NYSE
Currency Fixed Income	🗹 Equity 📝 Global Equ	ıity	>	PHDG	PowerShares S&P 500 Downside Hedged Portfolio	12/5/2012	0.39	NYSE
Global Fixed				WBIE	WBI Large Cap Tactical Growth Shares	8/25/2014	1	NYSE
SUB ASSET CLASS		0		IBDD	iShares iBonds Mar 2023 Corporate Term ETF	7/9/2013	0.1	NYSE
Agriculture Funds				RAVI	FlexShares Ready Access Variable Income Fund	10/9/2012	0.25	NYSE
Basic Materials Fundamental Control Basic Materials Fundamental Control Basic Contr				ALD	WisdomTree Asia Local Debt Fund	3/16/2011	0.55	NYSE
China Region Fund			>	ELD	WisdomTree Emerging Markets Local Debt Fund	8/9/2010	0.6	NYSE
Consumer Goods F	unds			WBIH	WBI Tactical High Income Shares	8/25/2014	1.08	NYSE
Consumer Services		-	>	ULST	SPDR SSgA Ultra Short Term Bond ETF	10/9/2013	0.2	NYSE
MANAGEMENT FEE		1642		GTAA	AdvisorShares Morgan Creek Global Tactical ETF	10/25/2010	1.35	NYSE
0.00	6.00	0		GVT	Columbia Select Large Cap Value ETF	5/4/2009	0.79	NYSE
INCEPTION DATE		0		IEIL	iShares Enhanced International Large-Cap ETF	2/25/2014	0.35	NYSE
After -	[	3		RIGS	RiverFront Strategic Income Fund	10/7/2013	0.22	NYSE

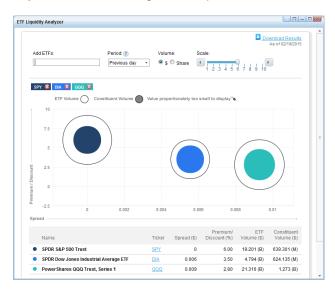
Screens can be saved and the results can be easily added to a Watch List or exported to a spreadsheet.

A product of eSignal, an Interactive Data company

Version	Date
eSignal 12.1	March 2015

### • ETF Liquidity Analyzer

The ETF Liquidity Analyzer provides a faceted view of an ETF's liquidity, including the liquidity of the ETF's underlying holdings. Traders can compare ETF volumes, spreads and premium/discounts across any U.S. listed exchange-traded product.



### • EZ Trade

The EZ Trade Suite of products helps users build their own option and equity trading systems that complement each other by:

- Helping to determine optimal option strategy, based on trending patterns discovered in EZ Signals Builder

- Allowing to leverage Buy/Sell signals for equity trading with selecting proper option actions based on unique analysis available in Option Matrix Analyzer and EZ Trade Builder.

- Enhanced, intuitive scanning tool for the Option markets to find unique opportunities to help the user become successful in trading.

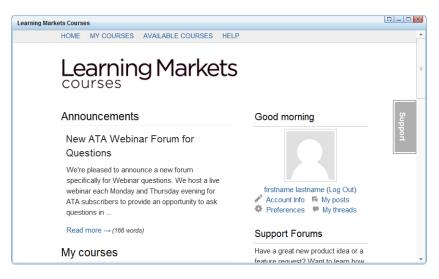
Ez Signals	Build	er	Stock  Periods Of Profit Select	(POP) System 💌	White Backç	ground 💽
Periods Of Profit (PO	P) System		Recommendation: INTERN	TIONAL BUSINESS	MACHS	
Buy Signals High/Low	Stock S	ymbol IBM	Current System Positio	n	Neutral	
POP1 POP2 Tolerance Ex	t	History	Closing Price: 02/19/20	15	163.89	
10 3 25 % 5	0 %	2 Years	Entry Signals		N/A	
🖬 Signals 🗖 Back Test 🛛 Next D	ay Watch List	ALL 💌				
Show Report	Build Your Or	wn Parameters 💌				
Show Chart To view chart click on the butto	on and scroll d	own				
Summary Back Test Report: 03/12/2013 - 0	2/19/2015		Track Record Report		Closed	Profit
Indicator	POP	Buy/Hold	03/13/2013 Buy at:	210.20 Exit if:	208.43 212.06	1.86
Profit	9.70	-46.66	03/14/2013 Long from:	210.20 Exit if:	211.23 215.80	5.60
Return on Investment	10.67	-44.32	03/15/2013 Long from:	210.20 Exit if:	214.82 214.92	4.62
Annualized Return	11.98	-22.78	Out at: 214.82			
Total Number of Trades	69	1	03/20/2013 Buy at:	214.45 Exit if:	212.48 215.06	0.61
Winning Percentage	31.88 %	0.00	03/21/2013 Long from: Out at: 212.96	214.45 Exit if:	214.29 212.26	-1.49
Max Loss per Trade	-9.39	-59.14	04/01/2013 Buy at:	211.43 Exit if:	209.41 212.38	0.95
Max Profit per Trade	12.42	5.25	04/02/2013 Long from:	211.43 Exit if:	210.91 214.36	2.93
Avg. Loss per Trade	-1.34		04/03/2013 Long from:	211.43 Exit if:	211.13 212.66	1.23
Avg. Profit per Trade	3.30		04/04/2013 Long from:	211.43 Exit if:	211.63 211.31	0.20
Days in Trades	325	710	Out at: 211.63			
Total Days in Period	710	710	04/16/2013 Buy at:	209.97 Exit if:	207.94 212.00	2.03

A product of eSignal, an Interactive Data company

Version	Date
eSignal 12.1	March 2015

### • Learning Markets

The Learning Markets ATA course is designed to provide a comprehensive, in depth and professional level understanding of technical analysis. It's not shaped around any specific trading methodology but rather aims to provide a life-long foundation for interpreting charts and recognizing patterns and trends. In order to insure that this course is comprehensive, the contents were modeled after the Market Technicians Association Chartered Market Technician (CMT) program



### OptionSamurai

OptionSamurai is an option tool designed to make you a better option trader. Everyday their servers scan and compare more than 1 million options and integrate them with data from various sources in order to help you find the best trades. They provide an easy-to-use and friendly interface to control and filter results and thus save you time when researching your positions. Their tool integrates option related data, fundamental data, technical data, corporate actions (dividends and earnings) and unique data.

	Covere	ed Calls 🗸	Controls Samu	rais	Results:	24			
<b>Å</b> -	SAFE	<b></b>	HIGH YIELD	<b>.</b>	TRENDIN	GUP	80	UNDER 25\$	
👘 G	OLD DIG	Ger 🏌	DIVIDEND CAPTURE						
Ticker	Price	Strike	Bid	Stock Score	Annual Return	IV Rank	о	Exp. Date	ATR
AAPL 🗄	123.54	117.14 (-5.18%)	7.9 (1.3%)	• 8	13.53 %	74.0%	20356.0	Apr 17 (35)	2.07%
FSLR 🗄	60.6	57.5 (-5.12%)	4.6 (2.68%)	• 7	27.93 %	24.0%	1069.0	Apr 17 (35)	3.14%
MU 🖪 🕓	28.715	27.0 (-5.97%)	1.82 (0.39%)	<b>A</b> 8	20.36 %	78.5%	2797.0	Mar 20 (7)	3.38%
MYL 🗄	59.76	55.0 (-7.97%)	5.5 (1.36%)	• 7	14.22 %	95.5%	10990.0	Apr 17 (35)	3.06%
NEM 🖪	22.3	21.0 (-5.83%)	1.41 (0.53%)	<b>A</b> 9	27.46 %	70.5%	1397.0	Mar 20 (7)	3.81%
YHOO 🗄	42.87	40.0 (-6.69%)	3.4 (1.34%)	• 8	14.0 %	21.5%	9513.0	Apr 17 (35)	2.12%
ABX 🗄	10.6	10.0 (-5.66%)	0.68 (0.81%)	• 8	42.05 %	80.0%	15466.0	Mar 20 (7)	4.53%
BMRN 🛨	123.46	115.0 (-6.85%)	9.1 (0.56%)	• 7	29.18 %	100.0%	1258.0	Mar 20 (7)	3.19%
CX 🗄	9.68	9.0 (-7.02%)	0.9 (2.51%)	<b>A</b> 8	26.13 %	76.0%	5835.0	Apr 17 (35)	3.51%
GERN 🗄	4.34	4.0 (-7.83%)	0.4 (1.52%)	• 7	79.41 %	35.0%	2639.0	Mar 20 (7)	6.22%
ISIS 🖪	70.66	65.0 (-8.01%)	7.3 (2.59%)	• 8	26.99 %	4.0%	1540.0	Apr 17 (35)	3.88%
KOS 🗄	8.14	7.5 (-7.86%)	0.8 (2.18%)	<b>A</b> 7	22.73 %	79.5%	1339.0	Apr 17 (35)	3.81%
MPC 🗄	96.2	90.0 (-6.44%)	7.6 (1.58%)	<b>A</b> 7	16.48 %	78.0%	9556.0	Apr 17 (35)	2.85%
MGM 🗄	19.41	18.0 (-7.26%)	1.69 (1.58%)	<b>A</b> 7	16.48 %	73.5%	2276.0	Apr 17 (35)	3.19%
NLNK 🖪	50.56	45.0 (-11.0%)	11.1 (14.04%)	<b>A</b> 7	146.41 %	94.0%	1110.0	Apr 17 (35)	4.87%
OCN 🗄	9.37	8.0 (-14.62%)	1.85 (6.38%)	• 7	66.57 %	82.5%	1220.0	Apr 17 (35)	8.75%
TSEM 🗄	17.37	16.0 (-7.89%)	1.6 (1.46%)	• 9	15.21 %	7.5%	3780.0	Apr 17 (35)	4.15%
UAL 🗄	67.57	64.0 (-5.28%)	3.85 (0.44%)	• 8	22.91 %	56.0%	1401.0	Mar 20 (7)	3.45%
WPX 🖪	10.91	10.0 (-8.34%)	1.6 (7.41%)	• 10	77.29 %	89.0%	12408.0	Apr 17 (35)	5.77%
AUY 🗄 🛐	3.75	3.5 (-6.67%)	0.38 (3.86%)	<b>A</b> 7	40.23 %	58.5%	3092.0	Apr 17 (35)	5.33%

Version Date
eSignal 12.1 Date
March 2015

### Orca

Orca is an online option trading tool that is reactive, perceptive, and progressive. It prepares strategies that anticipate the demands of your trading and provides insights when asked.

9
<b>GET</b> Strategies

### PredictWallStreet

Founded in 2005, PredictWallStreet is the leading global online finance community dedicated to tracking and predicting changes in the stock market. Community members make stock predictions, track their own success rates, and compare their predictions with others' to improve their investment strategies. PredictWallStreet aggregates predictions to generate free, daily community sentiment graphs and forecasts. PredictWallStreet has processed millions of investor predictions making it a reliable and the longest standing, source of investor sentiment and daily trading insights.



Copyright © 2015 eSignal

Version	Date
eSignal 12.1	March 2015

#### Quadrant •

Quadrant provides an App for economic data and calendars. They provide over 400,000 US Economic events and Calendaring for free for all users of eSIgnal. They will also be releasing in 200 countries in eSignal as a paid service including international calendaring.

Quadrant Pro			
			n test
Key Indicators     G MyDet			
Key Indicato Curated for 202 countr		Search	٩
🚔 🕘 🚔			tors.
Key indicators         )         All series fr           CPI         )         CPI         CPI			
PCL Price index > PCL Price in			⊕ Add up to 3 Series
Economic Cal		Most Popu New to Quadrant? This is a g	
Track weekly and daily rel	eases. THU FRI 19 20	start. 1. 10-Year Treasury rate 4. Real GDP Growth 2. Unemployment Rate 5. Housing Starts 3. CPI Inflation 6. Federal Debt	7. M2 Money Supply 8. Industrial Production And More
Construction I I I Induct Reserve & Money -			

#### Seeking Alpha •

Seeking Alpha unlocks the world's investing insight and makes it accessible to anyone actively seeking new ideas.

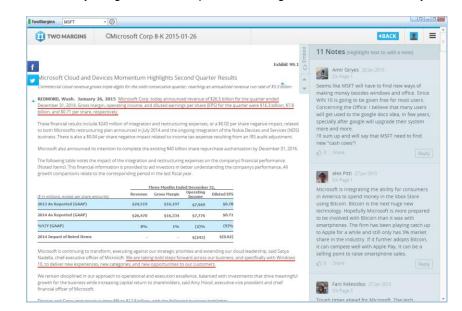
RLI declares \$0. 16:47:46 - RLI - by See		
Primerica declar 16:46:57 - PRI - by See	es \$0.16 dividend eking Alpha	
Multi-Fineline Ele	ectronix beats by \$0.01, beats on revenue Seeking Alpha	
More on Kite Rea 16:46:28 - KRG - by S		
	going Stimulus Bubble HEDJ HEWG EWG EWL VGK FXC FXE FXA FXB FXY UUP FXF - by Gary Gordon	
ePlus beats by \$ 16:45:46 - PLUS - by S	0.23, beats on revenue Seeking Alpha	
GoPro +3.8% aft 16:45:35 - GPRO - by 3		
Eagle Materials of 16:45:22 - EXP - by Se	declares \$0.10 dividend	
Industrias Bacho Transcript 16:45:13 - IBA - by SA	oco's (IBA) CEO Rodolfo Ramos on Q4 2014 Results - Earning	s Call
SciQuest EPS in 16:44:53 - SQI - by Se	n-line, beats on revenue	

A product of eSignal, an Interactive Data company

Version	Date
eSignal 12.1	March 2015

### • Two Margins

Two Margins allows users to tap into the wisdom of the crowds and get financial insight. Traders can easily access SEC filings for the companies they follow, post notes (annotations) on those documents, and read and discuss notes posted by other traders. Any part of the document, from a single number in a financial statement to a whole paragraph, can be annotated. Collaborative annotations help traders extract key insights from complex SEC filings faster and more easily.



### WhisperNumber

WhisperNumber collects crowd data on pricing and earnings to provide predictive indicators in their App. WhisperNumber.com has put together those companies most likely to see price volatility according to whether or not they beat or miss the whisper. These companies have a high probability of positive price movement following the earnings report if they beat the whisper number, and negative price movement if they miss the whisper number.

WhisperNumber	r.com KRFT		- @				
Upcoming Report: <u>AKR</u>	s: <u>AMAT</u> <u>CSC</u>	: <u>0 tsla i</u>	NVDA <u>CTL K</u>	<u>PNK KRF</u>	<u>T</u> <u>ZNGA</u>	<u>GRPN</u> <u>SJM</u>	<u>A ADI EXC</u>
KRAFT FOODS	INC. (KRFT)						
Earnings Date February 12 20			hisper Number \$0.74	Wall Stree \$0.73	t Act \$-		
Enter Your Whis	sper						
	Submit						
Post Earnings P	rice Movemen	t Analysis					
5	eat Whisper	Met Whis	sper Missed	l Whisper	Ov	verall Avg.	Recent Quarter
	(13 atrs)	(2 gtrs	s) (8	atrs)	(ign	ore whisper)	(actual move)
			· · · · · · · · · · · · · · · · · · ·			1 1	(,
1-day:	0.07%	-1.069	% -0	.79%		-0.18%	+1.7%
1-day: 5-day:	0.07%	-1.069		.79% 32%		-0.18% 0.37%	
			% 0.				+1.7%
5-day:	1.04%	-1.099	% 0. % 1.	32%		0.37%	+1.7%
5-day: 10-day:	1.04% 1.04%	-1.099 -2.139	% 0. % 1. % 2.	32% 50%		0.37% 0.47%	+1.7% +4.4% +4.8%
5-day: 10-day: 20-day: 30-day:	1.04% 1.04% 1.82% 3.40%	-1.099 -2.139 -3.299	% 0. % 1. % 2.	32% 50% 39%		0.37% 0.47% 0.80%	+1.7% +4.4% +4.8% +7.2%
5-day: 10-day: 20-day: 30-day: Whisper & Earn	1.04% 1.04% 1.82% 3.40%	-1.099 -2.139 -3.299 0.329	% 0. % 1. % 2. % 3.	32% 50% 39% 28%		0.37% 0.47% 0.80% 1.56%	+1.7% +4.4% +4.8% +7.2% +8.1%
5-day: 10-day: 20-day: 30-day: Whisper & Earn Earnings Date	1.04% 1.04% 1.82% 3.40% ings History e Tir	-1.099 -2.139 -3.299 0.329	% 0. % 1. % 2. % 3. Whisper Number	32% 50% 39% 28% Actual	B/M/M	0.37% 0.47% 0.80% 1.56% <b>1-day Reaction</b>	+1.7% +4.4% +4.8% +7.2% +8.1% 5-day Reaction
5-day: 10-day: 20-day: 30-day: Whisper & Earn Earnings Date October 29 201	1.04% 1.04% 1.82% 3.40% ings History e Tir 14 After Mark	-1.099 -2.139 -3.299 0.329 0.329	0         0.           %         0.           %         1.           %         2.           6         3.           Whisper Number         0.75	32% 50% 39% 28% Actual 0.74	B/M/M Miss	0.37% 0.47% 0.80% 1.56% <b>1.day Reaction</b> 1.68%	+1.7% +4.4% +4.8% +7.2% +8.1% 5-day Reaction 4.40%
5-day: 10-day: 20-day: 30-day: Whisper & Earn Earnings Date	1.04% 1.04% 1.82% 3.40% ings History e Tir 14 After Mark	-1.099 -2.139 -3.299 0.329 0.329	% 0. % 1. % 2. % 3. Whisper Number	32% 50% 39% 28% Actual	B/M/M	0.37% 0.47% 0.80% 1.56%	+1.7% +4.4% +4.8% +7.2% +8.1% 5-day Reaction
5-day: 10-day: 20-day: 30-day: Whisper & Earn Earnings Date October 29 201	1.04% 1.04% 1.82% 3.40% e Tir 14 After Mark After Mark	-1.099 -2.139 -3.299 0.329 ne ket Close ket Close	0         0.           %         0.           %         1.           %         2.           6         3.           Whisper Number         0.75	32% 50% 39% 28% Actual 0.74	B/M/M Miss	0.37% 0.47% 0.80% 1.56% <b>1.day Reaction</b> 1.68%	+1.7% +4.4% +4.8% +7.2% +8.1% 5-day Reaction 4.40%

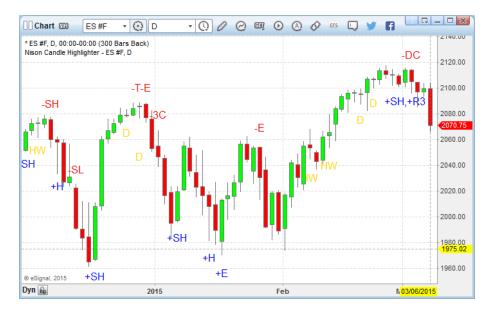
A product of eSignal, an Interactive Data company

Version	Date
eSignal 12.1	March 2015

### **Add-On Studies**

### Nison CandleCharts

This innovative indicator helps you instantly find Steve Nison's favorite candle patterns in your markets, saves you hours of research time, and potentially boosts your trading profits immediately.



### • Day Trade Warrior

The Warrior Reversal Indicator is designed to pin point stocks trading at extreme highs or lows. Stocks trading at these extremes are often good candidates for a reversal. The notable indicators of a pending reversal are a candle outside the Bollinger Bands, a 10 period Bollinger Band crossing a 20 period Bollinger Band and an RSI condition above 80 or below 20.



A product of eSignal, an Interactive Data company

Version	Date
eSignal 12.1	March 2015

### • JD Trading Systems

The "Scoupe" Indicator is designed to identify entry points for trades in the primary direction of the market trend, keeping you out of the sideways markets. Scoupe methodology is built on the premise that one of the key characteristics of successful trading "edges" is that they incorporate another time frame other than the one providing the "set up". To accomplish this we do not go to a higher time frame to permission the trade, but rather to a lower time frame, to execute an entry.



### Shift Theory

Shift Theory<sup>™</sup> is a new category or class of technical analysis. The Shift Theory<sup>™</sup> approach is a logical way of analyzing how price change should be measured on charts. What it does is it takes all of a data that is provided by a bar chart and breaks it down into three measurements or Shifts Theory Ratios<sup>™</sup>.



Copyright © 2015 eSignal

A product of eSignal, an Interactive Data company

Version	Date
eSignal 12.1	March 2015

### TimeTradingRoom

The TimeTradingRoom<sup>™</sup> Breakout Indicator identifies key breakout trades at SPECIFIC TIMES around the clock, drawing support and resistance lines and an arrow at the suggested entry point.



### TradersCoach

ART acronym for "Applied Reality Trading" – developed by Bennett McDowell - is a powerful software tool that identifies high probability entries and exits into the market in addition to giving you effective risk control. It works on ALL Markets and ALL Time frames and is used by traders from active investors to hedge fund managers alike in over 60 countries around the world since 2003.



A product of eSignal, an Interactive Data company

Version	Date
eSignal 12.1	March 2015

### **Built-in Studies**

### Ichimoku Kinko Hyo

The Ichimoku Kinko Hyo (One Glance Equilibrium Chart) was developed by Goichi Hosoda. It is an easy to understand yet multifaceted indicator that defines support and resistance, the trend, its direction and momentum thereby providing potential trading opportunities all within a single comprehensive view.



- Smoothed Moving Average (also available as EFS function)
- Historical Volatility (also available as EFS function)
- Moving Standard Deviation (also available as EFS function)
- Smoothed Oscillator (also available as EFS function)



A product of eSignal, an Interactive Data company

Version eSignal 12 1	Date
	March 2015

### **Quote Board**

The Quote Board provides a condensed view of the OHLC and of any other available field on stocks, commodities, futures, spreads and options. Each cell can optionally also display the Thermometer indicator which highlights the relative trading range for that day with the inside bar dynamically updating to reflect the current price.



### **Futures Board**

Similar in concept to the Quote Board, this window displays the current prices of the front month and a user specified number of forwards of Futures contracts.

Futu	res Board	Sym	ibol List	* •	$\odot$					
Equ	ity Index Fu	tures								
	ES #F			YM #F			NQ #F			AX 1!-DT
H5	<b>t</b> 2097.50	1.00	H5	<b>t</b> 18097	11	H5	<b>* 4447.75</b>	3.50	H5	<b>* 11437.50</b> 60.50
M5	<b>1</b> 2089.75	1.00	M5	18026	20	M5	4441.00	3.00	M5	<b>* 11452.00</b> 59.00
U5	2083.75	1.75	U5	17916	-99	U5	4430.75	-12.50	U5	11437.50 41.00
Z5	2075.50	-8.50	Z5	17834	-99	Z5	4431.25	-12.50		
H6	2070.25	-8.50				H6	4431.25	-12.50		
Ene	rgy Futures	5								
	CL #F			BRN 1!-ICE			NG #F			HO #F
J5	<b>t</b> 51.69	0.16	5J	<b>t</b> 60.48	-0.07	J5	<b>t</b> 2.770	0.001	J5	t 1.8928 -0.0085
<b>K</b> 5	\$ 53.19	-0.04	5K	<b>4</b> 61.08	-0.13	K5	<b>t</b> 2.804	-0.002	K5	<b>↓</b> 1.8715 _0.0071
NJ									M5	1.8735 -0.0069
	\$ 54.43	-0.12	5M	1 61.92	-0.15	M5	2.851	0.006	MO	1.0755 -0.0005
M5	<b>↓</b> 54.43 55.53	-0.12 -0.21	5M 5N	t 61.92 t 62.75		M5 N5	2.851 2.903	0.006	N5	1.8913 0.0014
M5 N5 Q5	55.53				-0.17					
W5	55.53	-0.21 -0.31	5N	t 62.75	-0.17 -0.18	N5	2.903	0.007	N5	1.8913 0.0014

Version	Date
eSignal 12.1	March 2015

### **Forex Trader**

The Forex Trader is designed specifically for currency traders. It displays price quotes, High/Low information and open positions (size and profit/loss) in a compact and efficient format.

Forex Trader FOREX *	- @				
eSignal Paper Trading	0	]			
⊿ Europe					
EUR A0-FX		CHF A0-FX  Low: 0.92220 27 High: 0.92380	RUB A0-FX		
1.13269 ↓1.13276	+1.5073 +1.5075	★0.92258 +0.92285	68.43 <b>75</b> 68.96 <b>56</b>		
No Working Positions	No Working Positions	No Working Positions	No Working Positions		
⊿ Asia / Pacific					
AUD A0-FX	NZD A0-FX	JPY A0-FX			
Low: 0.77600 7 High: 0.77870	Low: 0.72811 16 High: 0.72847	Low: 118.251 5 High: 118.461	Double-click This Cell		
∎0.77818 ∎0.77825	•0.727 <b>82</b> •0.727 <b>98</b>	<b>118.408 118.413</b>	To Add a Symbol		
No Working Positions	No Working Positions	No Working Positions			

### **Market Screener Plus**

- **New exchanges** More than 20 new exchanges from across the world are now available to the Market Screener Plus.
- New Text view mode •

The advanced and intuitive interface, of the Market Screener Plus is now even easier to use with the addition of the Text view mode.

Additionally all the settings for the Bar Values, Technical studies and Expressions are now color-coded to make them instantly identifiable.

Market Screener	Plus 5 day Vo cre	ase* 🛛 😥 🔲 📫			2
Enter Name			bols where the daily Vo	lume of each of the prece	eding 5 days
Symbols	has	been decreasing			
New Expression	Ex	changes NASD NYSE			×
□ Bar Values		Volume Daily 1 Bar(s)	Back less than Volu	ime Daily 2 Bar(s) Back	×
S Fundamental					
Technical		Volume Daily 2 Bar(s)	Back less than Volu	ime Daily 3 Bar(s) Back	×
<ul> <li>Expression Templates</li> </ul>		Volume Daily 3 Bar(s)	Back less than Volu	ime Daily 4 Bar(s) Back	×
		Volume Daily 4 Bar(s)	Back less than Volu	ime Daily 5 Bar(s) Back	×
		Volume Daily 5 Bar(s)	Back less than Volu	ime Daily 6 Bar(s) Back	×
	Add Criterion				
_	You o	an change view mode in th	ne Application Properties	Currently Traded On	Ily Scan
Symbol (16)	Open	High	Low	Last	Volume (To
SBB	19.66	20.10	19.66	20.10	4.43K
YBE	11.07	11.75	10.67	11.10	24.6K
ML	18.75	19.03	18.63	18.66	3.49K
IVE	33.97	34.44	33.62	34.27	592K
SMK	45.28	45.28	44.69	45.16	7.27K
IMHC	19.65	20.00	19.54	20.00	390K
	10.00	20.00			
IBHT	80.50	80.51	79.54	80.15	746K
IBHT .NN			79.54 84.32	80.15 87.94	746K 82.8K
	80.50	80.51			
.NN	80.50 84.91	80.51 87.94	84.32	87.94	82.8K
.NN .TC	80.50 84.91 47.94	80.51 87.94 48.04	84.32 47.19	87.94 47.92	82.8K 135K
.NN .TC MDR	80.50 84.91 47.94 2.22	80.51 87.94 48.04 2.23	84.32 47.19 2.13	87.94 47.92 2.15	82.8K 135K 6.10M

Version	Date
eSignal 12.1	March 2015

### **Facebook and Twitter integration**

It is now possible to interact directly with Facebook and Twitter from the Chart, Market Profile and Screen Capture.

Chart	TWTR	- 😧 W	- 0,	10	œŢ	•	Ø	Q 🎔	A l	
* TWTR, W, 00	0:00-00:00 (3	00 Bars Back)								00.00

### **Symbol Search**

The Symbol Search window has been completely redesigned making it easier to use and more informative as it now provides a detailed view of all facets of a search. This new functionality also offers the possibility of refining any search by searching further within its results.

	Reset 🗸	J		S
Classification (68)	Symbol	Type Ex	Description	
Currency (663)	IBM	Stock NYSE	INTERNATIONAL BUSINESS MACHS	
Exchange (754)	IBM-SWX	Stock SWX	IBM	
Africa Stocks and Futures (13)	IBM-LON	Stock LON	INTERNATIONAL BUSINESS MACHINE	
Asia / Pacific Stocks & Indices (2)	IBM-FRA	Stock DBG	INTL BUS. MACH. DL-	
Deutsche Boerse, Euronext, LSE (496)	IBMF	Exch-Tr ARCX	ISHARES IBONDS SEP 2017 AMT-FREE MUNI BOND ETF	
S Europe Futures (22)	IBME	Exch-Tr ARCX	ISHARES IBONDS SEP 2016 AMT-FREE MUNI BOND ETF	
Foreign Exchange, Bonds and Money Rates	IBMD	Exch-Tr ARCX	ISHARES IBONDS SEP 2015 AMT-FREE MUNI BOND ETF	
Mexico / So. America Securities (6)	IBMG	Exch-Tr ARCX	ISHARES IBONDS SEP 2018 AMT-FREE MUNI BOND ETF	
Other Europe Stocks & Indices (52)	IBMH	Exch-Tr ARCX	ISHARES IBONDS SEP 2019 AMT-FREE MUNI BOND ETF	
∠ □ U.S. Equities (71)	IBMI	Exch-Tr ARCX	ISHARES IBONDS SEP 2020 AMT-FREE MUNI BOND ETF	
NYSE MKT LLC (fka AMEX) (6)	IBM1C Z4:IBM1CH5-1C	Spreads ONE	SPREAD	
ARCA Listed (ARCX) (6)	IBM1C Z4:IBM1CF5-1C	Spreads ONE	SPREAD	
NASDAQ (2)	IBM1C F5:IBM1CM5-1C	Spreads ONE	SPREAD	
New York Stock Exchange (57)	IBM1C F5:IBM1CH5-1C	Spreads ONE	SPREAD	
	IBM1C G5:IBM1CM5-1C	Spreads ONE	SPREAD	
△ [] U.S. Futures (32)	IBM1C F5:IBM1CG5-1C	Spreads ONE	SPREAD	
One Chicago Single Stock Futures (32)	IBM1C M5:IBM1CU5-1C	Spreads ONE	SPREAD	
U.S. Indices (45)	IBM1C G5:IBM1CU5-1C	Spreads ONE	SPREAD	
Market (27)	IBM1C H5:IBM1CU5-1C	Spreads ONE	SPREAD	
Mic (683)	IBM1C H5:IBM1CM5-1C	Spreads ONE	SPREAD	
Month (64)	IBM1C Z4:IBM1CM5-1C	Spreads ONE	SPREAD	
Optiontype (33)	IBM1C G5:IBM1CH5-1C	Spreads ONE	SPREAD	
Root (64)	IBM1C G5-1C	Futures ONE	IBM	
Session (740)	IBM1C H5-1C	Futures ONE	IBM	
Strike (165)	IBM1C M5-1C	Futures ONE	IBM	
Suffix (745)	IBM1C U5-1C	Futures ONE	IBM	
Туре (797)	IBM1D Z4:IBM1DH5-1C	Spreads ONE	SPREAD	
Year (64)	IBM1D Z4:IBM1DF5-1C	Spreads ONE	SPREAD	
00 of 797 found symbols are loaded				Î

A product of eSignal, an Interactive Data company

Version	Date
eSignal 12.1	March 2015

### **Enhancements**

The following lists the major enhancements introduced in eSignal 12.1.

### Shell

### Added Scroll Mode for grid-based windows

When this option is enabled in Application Properties->Appearance the contents of all grid based windows can be wider than the actual width of the window. In this case a scroll bar appears at the bottom of the window that allows viewing the columns that are outside of the visible area.

Appearance	Appearance	,					
Apa     Consoltan     Trezone & Cock     Tornazine & Cock     Formation     Formation     Powellenia Sattings     Ouster Tacker     Ouster Tacker     Ouster Tacker     Socreematuat     Torditations     Torditations	Theme: Language: Font size: Window mod O Dock to us O Stania and r O Stania and r O Stania Show New New New New New New New New New Ne	Frost English Normal	<ul> <li>All wind</li> <li>All vind</li> <li>ally to the</li> <li>are inde</li> <li>when cre</li> </ul>	fows are indepe application des pendent)	d) Jenilly ndent iktop)		
다 Options Analytis Integration 값 Trading ① Trading Default Connections ② Maristt Screener Plus	<ul> <li>view:</li> <li>Scrol</li> <li>view:</li> </ul>	e mode: dard (All columns sible space) I (Columns can I sible space and v reeze Symbol Co	ie eitlendi ewed usi	ed beyond the	)		

Watch List	DOW		- 📀 Stock	;	- 📀	•	<u>  ? 📮 –</u>	
Symbol	Last	Change	Open	Bid	Ask	High	Low	V
⊿ Index Cons	stituents Lis	t: \$INDU,	Dow Jones I	ndustrial	Average			-
AXP	82.00	0.00	82.07	81.50	82.48	82.33	81.16	
BA	147.78	0.00	139.69	146.20	149.05	148.25	139.63	
CAT "	80.00	0.00	79.91	79.51	80.37	80.18	78.81	
CSCO	27.22	0.00	26.74	26.97	27.64	27.31	26.64	1
CVX	103.00	-0.71	104.24	102.00	104.50	104.63	101.66	1
DD	72.71	1.00	71.05	71.34	73.29	72.90	70.96	5
DIS	93.22	0.00	93.11	91.99	94.59	93.50	91.52	
GE	24.08	0.00	23.84	23.87	24.00	24.20	23.78	1
GS	175.99	2.94	173.18	173.19	178.25	176.30	173.07	2
HD	107.62	2.88	105.14	106.20	108.00	107.74	104.51	6
IBM "	155.48	3.93	151.38	153.17	156.88	155.58	149.52	8
INTC	34.21	0.00	33.84	33.52	34.46	34.28	33.46	
JNJ	102.38	0.90	101.51	101.03	103.24	102.46	100.67	7 🗸
4								<ul> <li>//</li> </ul>

### Added option to color active row in all grid-based windows

It is now possible to color the outline and/or background of the active row or the symbol cell in the selected row.

Default Cell	
Default Cell	Focus Outline
Symbol Field	Outline: Row -
Subgroup	Frame:
Comment Row	Frame.
Grid Lines	Background:

Watch List DOW	- 💽 Basic	- 😧 🗉 🐗	
Symbol	Last	Change	Headline Count
⊿ Index Constituent	s List: \$INDU, Dow Jones Industri	al Average	A
АХР	81.58 *	-0.15	71
BA	141.51 +	1.87	228
CAT	79.50 +	-0.51	<u>33</u>
CSCO	26.75 +	-0.05	<u>26</u>
CVX	103.32 +	-0.39	<u>71</u>
DD	71.54 *	-0.17	<u>17</u>
DIS	92.02 *	-0.65	<u>36</u>
GE	23.93 +	0.09	<u>78</u>
GS	174.31 *	1.26	<u>52</u>
HD	105.42 *	0.68	<u>6</u>
IBM	151.35 +	-0.20	<u>130</u>
INTC	33.97 *	0.20	<u>62</u>
.IN.I	101 52 +	0.04	34 🔻

Added option to Auto-Backup on a user defined time basis
 In Application Properties -> Page there is now an option to save the session which will allow restoring it in
 case of an irregular termination (due for example to power loss).

Appearance	Page
🔊 Page	Auto save pages on close
Connection	Create and open pages in detached state
Timezone & Clock	Auto Backup every 15 🗘 minutes

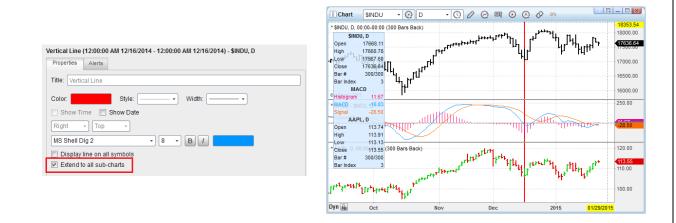
A product of eSignal, an Interactive Data company

Version	Date
eSignal 12.1	March 2015

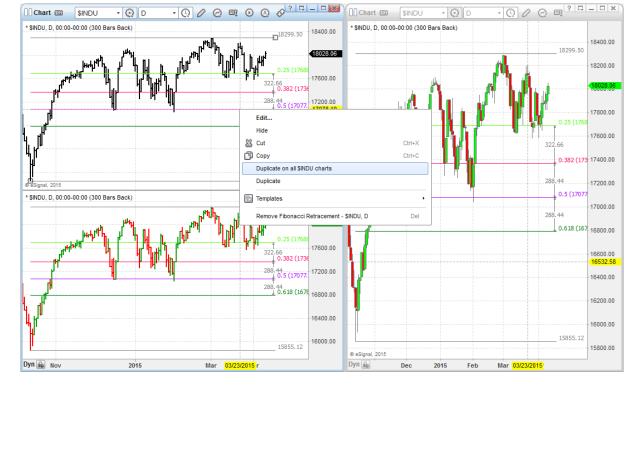
### Chart

#### Added option to extend a Vertical line to all sub-charts •

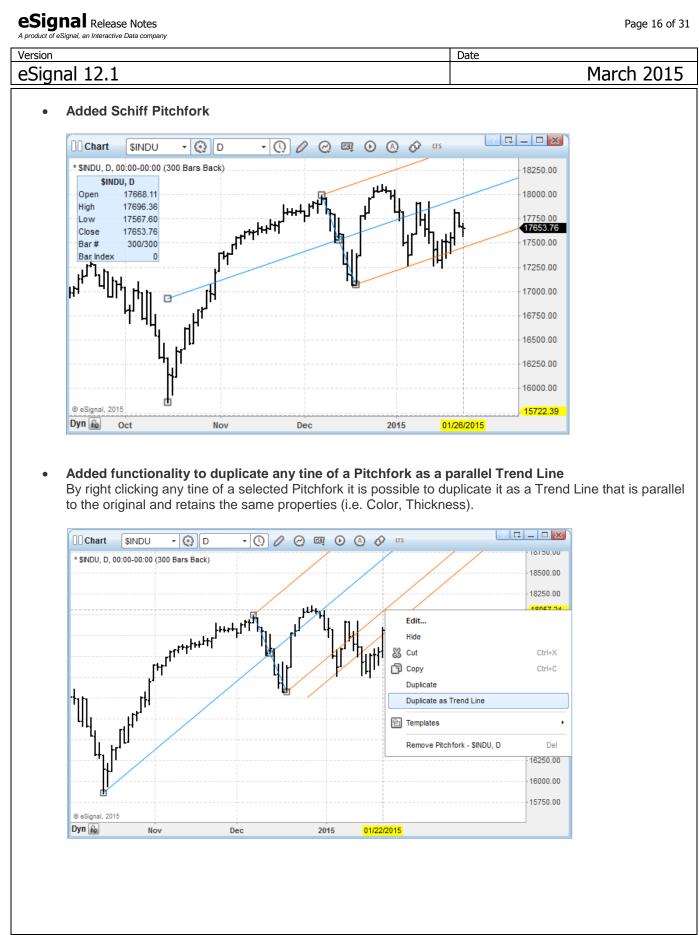
The vertical line can now be extended to all sub-charts in a Chart.



Added option to duplicate Horizontal lines, Fibonacci Retracements and Extensions to all charts . and sub-charts of the same symbol



ReleaseNotes\_eSignal\_12.1.pdf



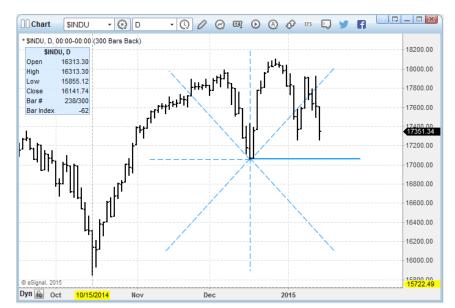
A product of eSignal, an Interactive Data company

Version	Date
eSignal 12.1	March 2015

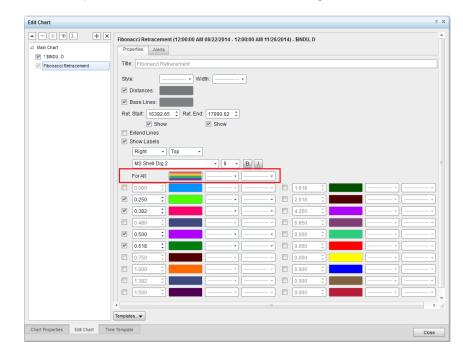
### • Added functionality to draw Trend Line at each 45 degree compass point

By pressing the Alt key when drawing (or editing) a Trend Line this will set the anchor point at each 45 degree compass point i.e. 45, 90, 135, etc.

The image shows a drawn Trend line (in solid blue) and all the possible positions in which it would be drawn (in dashed blue) if the right hand anchor point were moved while pressing the Alt key.



• Added functionality to apply any property of a line in a drawing tool to all the lines in that tool With a single click it is now possible to apply any one property of a line in a drawing tool (Color, Style, and Thickness) to all the lines within that same drawing tool.



Copyright © 2015 eSignal



		Date
nal 12.1		March 20
Added expiration time f It is now possible to set a		alerts of each drawing tool applied to a Ch the related drawing tool from the Chart.
Edit Chart		
▲ ♥	Trend Line (12:00:00 AM 12/09/2014 - 12:00           Properties         Alerts	00 AM 02/25/2015) - \$INDU, D
Trend Line	Enable Alert Alert Area: 0	
	Automatic Reactivate	
	Once Per Bar	
	Expiration Time: 01/31/2015 • 11	59:00 PM 🗘
	Remove expired o	rawing
In some cases a symbol		<b>n exchange</b> ide of a bar's range (i.e. High or Low). By wever a user can now disable this function
In some cases a symbol default the Chart is set to	may have the Open or Close out	ide of a bar's range (i.e. High or Low). By wever a user can now disable this function xchange.
In some cases a symbol default the Chart is set to	may have the Open or Close outs resolve these inconsistencies ho o view the data as sent from an e	ide of a bar's range (i.e. High or Low). By wever a user can now disable this function xchange.
In some cases a symbol default the Chart is set to in any given chart so as t	may have the Open or Close outs resolve these inconsistencies ho o view the data as sent from an e	ide of a bar's range (i.e. High or Low). By wever a user can now disable this function xchange. <sup>1014</sup> - ♥ ● - ♥ Ø Ø ♥ ● ♥ ■ ● ● Ø Ø ■ ● ● Ø Ø ■ ● ● Ø Ø ■ ● ● Ø Ø ■ ● ● Ø ■ ● ● Ø ■ ● ● ● ■ ■ ■ ■
In some cases a symbol default the Chart is set to in any given chart so as t	may have the Open or Close outs resolve these inconsistencies ho o view the data as sent from an e	ide of a bar's range (i.e. High or Low). By wever a user can now disable this function xchange.
In some cases a symbol default the Chart is set to in any given chart so as t we have been as the set of the set of the we have been as the set of the we have been as the set of the we have been as the set of the set of the we have been as the set of the set of the set of the we have been as the set of the set of the set of the set of the we have been as the set of the set of the set of the set of the we have been as the set of the we have been as the set of	and higher intervals	ide of a bar's range (i.e. High or Low). By wever a user can now disable this function xchange. $1014 - \bigcirc $
In some cases a symbol default the Chart is set to in any given chart so as to the set of the set o	and Night rifferences and Night rifferences	ide of a bar's range (i.e. High or Low). By         wever a user can now disable this function         xchange.         014 - ② □ - ③ ∅ @ @ ④ ④ ∅ □ - □ ∞         000-00:00 (300 Bars Back)         1111         1111         1111         1111
In some cases a symbol default the Chart is set to in any given chart so as to the set of the set o	and higher intervals and higher intervals and higher intervals and higher intervals and higher intervals and higher intervals and higher intervals bar index and higher intervals and higher	ide of a bar's range (i.e. High or Low). By         wever a user can now disable this function         xchange.         014 - ② □ - ③ ∅ ② ◎ ∅ ○ ③ ∅ □ - □ ∞         000-00:00 (300 Bars Back)         ++++++++++++++++++++++++++++++++++++
In some cases a symbol default the Chart is set to in any given chart so as to the set of the set o	and Nghr riferous and Nghr rife	bide of a bar's range (i.e. High or Low). By wever a user can now disable this function xchange. 1014 - O - O O O O O O O O O O O O O O O O

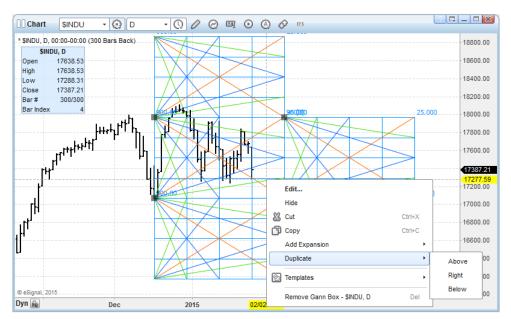
A product of eSignal, an Interactive Data company

Version	Date
eSignal 12.1	March 2015

### Advanced GET

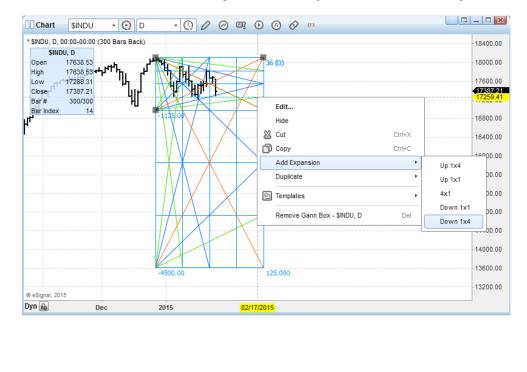
### • Added command to duplicate a Gann Box

With a single command it is now possible to create a duplicate of an existing Gann Box either to the Right or Above or Below it.



### • Added command to expand a Gann Box

With a single command it is now possible to create an expansion of an existing Gann Box either Up or Down based on the 1x1 or 1x4 angles or to the Right based on the 4x1 angle.

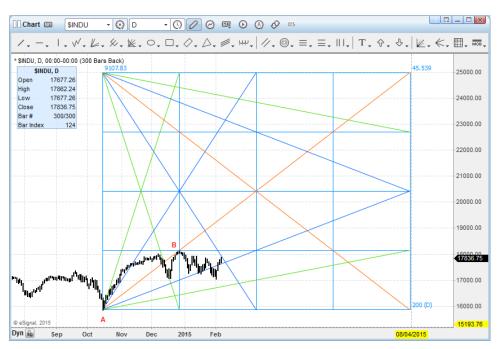


A product of eSignal, an Interactive Data company

Version	Date
eSignal 12.1	March 2015

### Added option to draw a Gann Box using alternate anchor points

The Free Mode now offers the option to draw an expanded Gann Box where the second anchor point is either the 1x1 or the 1x4 of the first time quadrant.

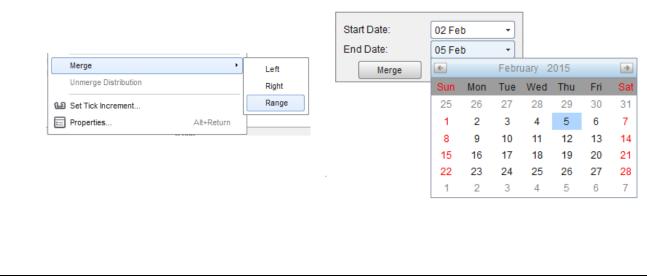


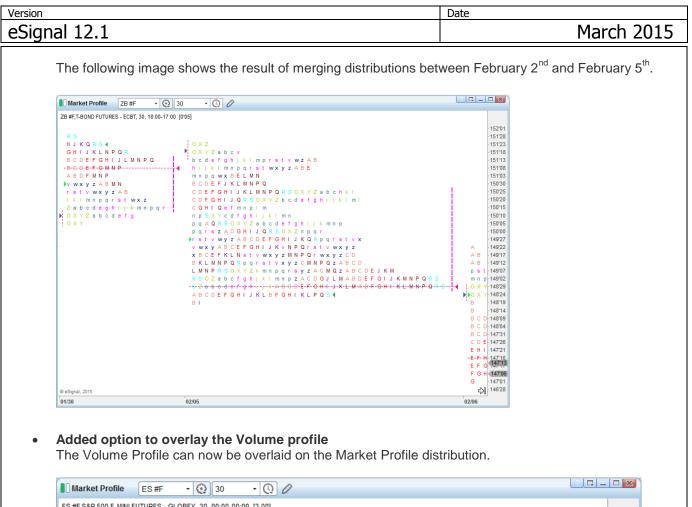
In the image above the Gann Box was drawn using the Exp1x1 option and clicking at points A and B.

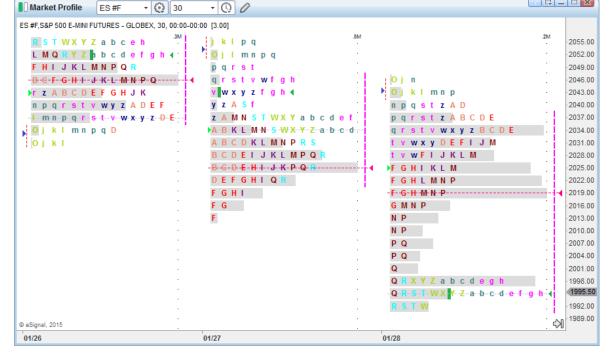
### **Market Profile**

### • Added commands to merge distributions to the Left, Right or in a date range

In previous versions one could merge distributions to the Right or to the Left only by dragging the Time Scale. Starting with 12.1 it is now possible to do that also through commands in the context menu. More importantly, it is now possible to merge distributions within a range of dates.







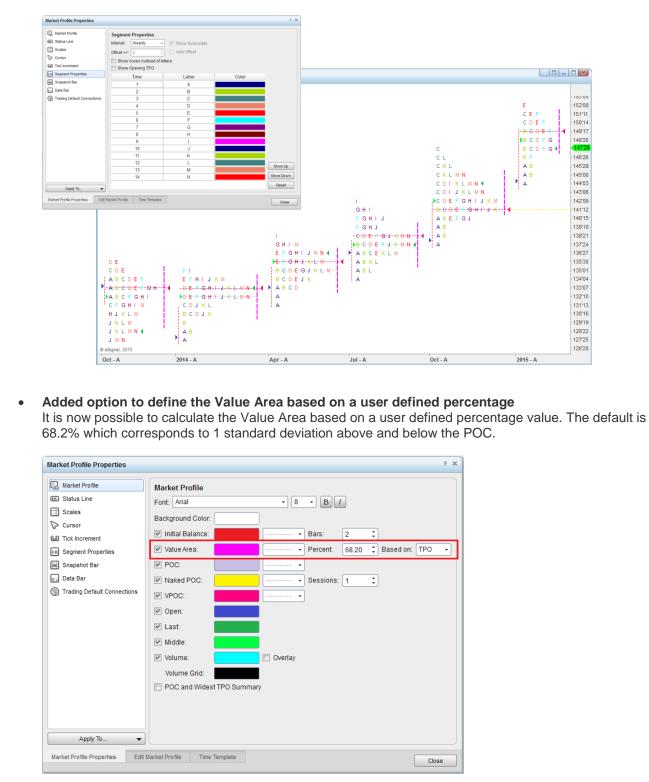
Copyright © 2015 eSignal

A product of eSignal, an Interactive Data company

Version	Date
eSignal 12.1	March 2015

### • Added Weekly interval

It is now possible to chart the Market Profile on a Weekly interval that resolves to a Quarterly distribution.



A product of eSignal, an Interactive Data company

Version	Date
eSignal 12.1	March 2015

### News

### Added Quote Area to News window

Nev	vs (		APL	- 0	All Ser	vices				- 7	0			_ 🗆 🗙
Bid	113	3.20	Bid Siz	e	7 Low	112.80	Change	0.00	Percent	Change	_	0%	Last	113.10
٨sk	113	3.29	Ask Si	ze	4 High	114.36	Change(Open)	-0.64	Percent	Change(	Open)	-0.56%	Volume (Total)	94.4K
Арр	le G	Q1 n	esults s	hould	be pos	sitive ca	talyst, says P	acific (	Crest					1
07:35	5:10/	AM - /	AAPL - Th	e Fly O	n The Wa									
MW	/ UF	PDA	TE: App	le ha	d better	deliver	big fireworks	or else	е					
07:34	4:00 /	AM - /	AAPL CO	I COMP	DJIM DW	LDJ GDOV	V GOOG GOOGL IN	DU MSFT	NDX NOK	NYA OEX I	PFE PG F	RMBS RUA	SPX T UTX YHOO	- Marke
MW	/ UF	DA	TE: U.S	. stoc	ks: Fut	ures fal	l as DuPont, M	licroso	ft disapp	oint; du	ables	ahead		
07:30	0:00	AM - /	AAPLAM	GN BMY	CAT CO	MP DD DJII	I DWLDJ GDOW IN	DU MMM	MSFT NDX	NYA OEX I	PFE PG F	RUA SIEGY	SPX T YHOO - Ma	arketWat
MW	/ UF	DA	TE: U.S	. stoc	ks: Fut	ures fal	l as DuPont, N	licroso	ft disapp	oint; du	ables	ahead		
07:04	4:00 /	AM - /	AAPLAM	GN BMY	CAT CO	MP DD DJII	I DWLDJ GDOW IN	DU MMM	MSFT NDX	NYA OEX I	PFE PG F	RUA SIEGY	SPX T YHOO - Ma	arketWat
MW	/ UF	DA	TE: App	le, Pf	izer, Ya	hoo ear	nings in focus							
06:47	7:00 /	AM - /	AAPLAA	AMGN	BMY BTU	J CAT COH	I COMP DD DJIM DV	VLDJ EA	GDOW IND	U JNPR MID	MSFT N	NDX NYA O	EX PFE PG RUA SI	PX T TXP

### • Added option to color by Keywords

It is now possible to color the text and/or background of news headlines by keyword.



### Added option to color by News service

It is now possible to color the text and/or background of news headlines by News service.

News Properties	? X	Ask 113.49 Ask Size 2 High 113.75 Change(Open) 0.68 Percent Change(Open) +0.61% Volume (Total) 71.6
Default Row     Visith Torvs     Orde Lines     Outer Krea     Order Krea     Trading Default Connectors	Default Rew Frac (Tri s) () () Bogonada Bodgonada Bodgonada Bodgonada Constantino Constantino Read New Yot Constantino Constantino Bodgonada Bodgo	Samsung to supply processors for next iPhone, Reuters says which the Automated control in the Ry too the well MW UPDATE: U.S. Stocks: Futures lower on strong dollar, earnings worries 06:46:00 AM - AAPL CAT COMP DHI DIM DWLDJ GDOW BM NDU MD MSFT MWV NDX NYA OEX RKT RUA SPX TXH - MarketWatch Com New DJ The Morning Ledger: Tesco Aims to Beef Up Its Finance Department 06:33:21 AM - AAPL BBAX CVC GOOS GOOGLLO MO DORGLL TSCOV TSCO- DW UBENIXO- Dew Jones Commodites Service DJ The Morning Ledger: Tesco Aims to Deef Up Its Finance Department
	Sexista: Direa Jones Revisito Diri - Tete Badgeund X Sexiste: (PR Neresen (PR) Sexiste: (PR / Direa Markov) - Tete Badgeund X Sexiste: (Direa Jones Galas Equites Neres (D) - Tete Badgeund X + + +	DJ The Morning Ledger: Tesco Aims to Beef Up Its Finance Department 0638;21 AM - AARL BB0XX CVC 0000 0000L 00 MC0 0RCL TSC0V TSC0-LON UBERIXX- Dew Jones Global Equilies News DJ The Morning Ledger: Tesco Aims to Beef Up Its Finance Department 06:38:21 AM - AARL BB0 XX CVC 0000 0000L L0 MC0 0RCL TSC0V TSC0-LON UBERIXX- Reserved for Dow Jones World Report DJ The Morning Ledger: Tesco Aims to Beef Up Its Finance Department 06:38:21 AM - AARL BB0 XX CVC 0000 000L 0 MC0 0RCL TSC0V TSC0-LON UBERIXX- Dew Jones European Spotlight
Apply To	Cose	DJ The Morning Ledger: Tesco Aims to Beef Up Its Finance Department 063821 All - AAPL BBG.XX CVC GOOG GOOGL UN UCO ORCL TSCD' TSCD-LON UBERLXX - Dow Jones Global FX & Fixed Income News DJ The Morning Ledger: Tesco Aims to Beef Up Its Finance Department 063806 All - AAPL BBG.XX CVC GOOG GOOGL U MCD ORCL TSCD' TSCD-LON UBERLXX - Dow Jones Global Equilies News

ersion	Signal, an Interactive Data compan	,			Date	
	nal 12.1				Date	March 201
Jigh						
ption •	n Chain Added options	to display only We	eekly, Monthly o	r Quarterly e	xpirations or I	Mini options
	Option Chain GOOGL -	JAN15 - Basic	• Q 🔽 🕸			
	Option Type:	Call    All Strikes				
	Volume More Than:	0	In the Money			
	Open Interest More Than:  Currently Open Obday					
	Exercise Style:	American	/- from last): 0.00 ‡			
	Period of Expiration     Mini Options Only	Weekly -				
		Monthly Quarterly		ප		
	When used this f In this case the r this button. Detai	iled information cor	study with the new	w parameters	will be execute	ed only by clicking on
	When used this f In this case the r this button. Deta	CustomRSLefs - SINDU, D (14, close, Title: RSI Format: Auto -	study with the new nplete with examp	w parameters ples is availal	will be execute	ed only by clicking on
	When used this f In this case the r this button. Detail	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title: Cloir.	study with the new nplete with examp	w parameters ples is availal	will be execute	ed only by clicking on
	When used this f In this case the r this button. Detail Edit Chart Content Subchart Subchart 2	CustomRSLefs - SINDU, D (14, close, Title: RSI Format: Auto -	study with the new nplete with examp	w parameters ples is availal	will be execute	ed only by clicking on
	When used this f In this case the r this button. Detail Edit Chart Content Subchart Subchart 2	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format Auto - Title Color:	study with the new nplete with examp	w parameters bles is availal	will be execute	ed only by clicking on
	When used this f In this case the r this button. Detail Edit Chart Content Subchart Subchart 2	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title Color: Show Symbol Name in the Study Titl Inputs Length: 14 Source: close	study with the new nplete with examp	w parameters bles is availal	will be execute	ed only by clicking on
	When used this f In this case the r this button. Detail Edit Chart Content Subchart Subchart 2	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title Color: Show Symbol Name in the Study Titl Inputs Length: 14	study with the new nplete with examp	w parameters bles is availal	will be execute	ed only by clicking on
	When used this f In this case the r this button. Detail Edit Chart Content Subchart Subchart 2	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title Color: Show Symbol Name in the Study Titl Inputs Length: 14 Source: close	study with the new nplete with examp	w parameters bles is availal	will be execute	ed only by clicking on
	When used this f In this case the r this button. Detail	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title: Color: Show Symbol Name in the Study Titl Inputs Length: 14 Source: close Symbol:	study with the new nplete with examp	w parameters bles is availal	will be execute	ed only by clicking on
•	When used this f In this case the r this button. Detail	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title: Color: Symbol Name in the Study Titl Inputs Length: 14 Source: close Symbol: Colose	ro, 30, false)	w parameters bles is availal	will be execute	d only by clicking on (nowledgeBase.
•	When used this f In this case the r this button. Detail	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title: Close Some Symbol Name in the Study Titl Inputs Length: 14 Source: close Symbol: Close Symbol: Close Symbol: Close	ro, 30, false)	w parameters bles is availal	will be execute ble in the EFS K	d only by clicking on (nowledgeBase.
•	When used this f In this case the r this button. Detail	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title: Color: Symbol Name in the Study Titl Inputs Length: 14 Source: close Symbol: Colose	ro, 30, false)	w parameters bles is availal	will be execute ble in the EFS K	d only by clicking on (nowledgeBase.
	When used this f In this case the r this button. Detail	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title: Color: Symbol: Colose Symbol: Colose S	ro, 30, false)	w parameters bles is availab	will be execute ble in the EFS K	d only by clicking on (nowledgeBase.
•	When used this f In this case the r this button. Detail Edit Chart Subchart 2 FRS Enhanced the D Added new meth Detailed informat	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title: Color: Somo Symbol Name in the Study Titl Inputs Length: 14 Source: close Symbol: Date object nods that allow to re- tion complete with o ality to export a B	etrieve (or set) the examples is availa	w parameters bles is availab	will be execute ble in the EFS k on the applicatio S KnowledgeB	d only by clicking on KnowledgeBase. on time settings. ase
	When used this f In this case the r this button. Detail Edit Chart Subbart 2 W RES Enhanced the D Added new meth Detailed informat Added function It is now possible	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title: Color: Show Symbol Name in the Study Titl Inputs Length: 14 Source: close Symbol: Date object nods that allow to re- tion complete with o ality to export a B e to export any or a	etrieve (or set) the examples is availa	w parameters bles is availab	will be execute ble in the EFS k on the applicatio S KnowledgeB	d only by clicking on nowledgeBase. on time settings. ase
	When used this f In this case the r this button. Detail Edit Chart Subchart 2 FRS Enhanced the D Added new meth Detailed informat	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title: Color: Show Symbol Name in the Study Titl Inputs Length: 14 Source: close Symbol: Date object nods that allow to re- tion complete with o ality to export a B e to export any or a	etrieve (or set) the examples is availa	w parameters bles is availab	will be execute ble in the EFS k on the applicatio S KnowledgeB	d only by clicking on KnowledgeBase. on time settings. ase
	When used this f In this case the r this button. Detail	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title: Color: Show Symbol Name in the Study Titl Inputs Length: 14 Source: close Symbol: Date object nods that allow to re- tion complete with o ality to export a B e to export any or a	study with the new nplete with examp .70, 30, false) le etrieve (or set) the examples is availa <b>cack Test Report</b> Il sections of a Ba	w parameters bles is availab	will be execute ble in the EFS k on the applicatio S KnowledgeB	d only by clicking on nowledgeBase. on time settings. ase
	When used this f In this case the r this button. Detail Edit Chart Subbart 2 W RES Enhanced the D Added new meth Detailed informat Added function It is now possible	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title: Color: Show Symbol Name in the Study Titl Inputs Length: 14 Source: close Symbol: Date object nods that allow to re- tion complete with o ality to export a B e to export any or a	etrieve (or set) the examples is availa	w parameters bles is availab	will be execute ble in the EFS k on the applicatio S KnowledgeB	d only by clicking on KnowledgeBase. on time settings. ase
	When used this f In this case the r this button. Detail	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title: Color: Show Symbol Name in the Study Titl Inputs Length: 14 Source: close Symbol: Date object nods that allow to re- tion complete with o ality to export a B e to export any or a	ro, 30, false)	w parameters bles is availab	will be execute ble in the EFS k on the applicatio S KnowledgeB	d only by clicking on KnowledgeBase. on time settings. ase
	When used this f In this case the r this button. Detail	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title: Color Show Symbol Name in the Study Titl Inputs Length: 14 Source: close Symbol: close Symbol: close ality to export a B a to export any or a html.	ro, 30, false)	w parameters bles is availab	will be execute ble in the EFS k on the applicatio S KnowledgeB	d only by clicking on KnowledgeBase. on time settings. ase
	When used this f In this case the r this button. Detail Edit Chart Subdard 2 (*RSI Enhanced the D Added new meth Detailed informat Added function It is now possible csv, xlsx, xml or Data Export Folder Name: C:\Users! File Type: Salert 4II Subdat12	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title: Color Show Symbol Name in the Study Titl Inputs Length: 14 Source: close Symbol: close Symbol: close ality to export a B a to export any or a html.	ro, 30, false)	w parameters bles is availab	will be execute ble in the EFS k on the applicatio S KnowledgeB	d only by clicking on KnowledgeBase. on time settings. ase
	When used this f In this case the r this button. Detail	CustomRSLefs - SINDU, D (14, close,, Title: RSI Format: Auto - Title: Color Show Symbol Name in the Study Titl Inputs Length: 14 Source: close Symbol: close Symbol: close ality to export a B a to export any or a html.	ro, 30, false)	w parameters bles is availab	will be execute ble in the EFS k on the applicatio S KnowledgeB	d only by clicking on KnowledgeBase. on time settings. ase

Trades Periodical Analysis Graphs Settings

Export

Close

Version	Date
eSignal 12.1	March 2015
	1
Added option to color the background of the Cursor line in t	he Script Editor
Script Editor Properties       > ×         Image: Script Editor - customMA.efs       Image: Script Editor - customMA.efs         Image: Script Editor - customMA.efs       Image: Script Editor - customMA.efs         Image: Script Editor - customMA.efs       Image: Script Editor - customMA.efs         Image: Script Editor - customMA.efs       Image: Script Editor - customMA.efs         Image: Script Editor - customMA.efs       Image: Script Editor - customMA.efs         Image: Script Editor - customMA.efs       Image: Script Editor - customMA.efs         Image: Script Editor - customMA.efs       Image: Script Editor - customMA.efs         Image: Script Editor - customMA.efs       Image: Script Editor - customMA.efs         Image: Script Editor - customMA.efs       Image: Script Editor - customMA.efs         Image: Script Editor - customMA.efs       Image: Script Editor - customMA.efs         Image: Script Editor - customMA.efs       Image: Script Editor - customMA.efs         Image: Script Editor - customMA.efs       Image: Script Editor - customMA.efs         Image: Script Editor - customMA.efs       Image: Script Editor - customMA.efs         Image: Script Editor - customMA.efs       Image: Script Editor - customMA.efs         Image: Script Editor - customMA.efs       Image: Script Editor - customMA.efs         Image: Script Editor - customMa.efs       Image: Script Editor - customMa.efs         I	
Other	
Removed Apply button in color selector and added comman The selected color is now applied instantaneously. Additionally it from the Swatch by right clicking it and selecting Remove.	
R: 255 G: 121 B: 251 ② Add to Swatch	
17368.78	ct whether to display the pop-up Tray. Compact Mode. stAt Or Above: 17367.85. Fired value: at 02:37:49 PM
Application Properties ? x	
Connection Failed     Connection Failed	144:39:18 owr-5       Image: Constraint of the second secon
	🔺 📶 🖳 🌒 🛱 2:38 PM

es 🗔 🛚	lew 🛞 Tools	🕙 Trade 🛛 🙆 G	Options Analytix	x 💽 eSignal	Apps			
+ New Pa	ge Ctrl+Shift	Recent Files	s	>∞ ⊠ ⊡	(cg 92			
Dpen Fi	le Ctrl	+O Main.page						
C Reload	Page Ctrl							
× Close P	age Shift+							
Save Pa	ge Ctrl	H+S & Market Wa						
Save Pa	geAs Ctrl+Shift		.cn.page					
▲ 0.15 (+	0.31%) G	sor on either	end of the	e Ticker.		-	-	
Added fur http://www.added.com/ Added fur aday's OHL functionali	ering the curs	ool Search 600G 524. 6 retrieve th , Watch List f a symbol b ne intelligence	end of the 60 ▲ 1.8 he previou and Dash y precedin ce to remo	e Ticker.	DHLCV va dows it is abol with t	<b>alue of a s</b> now possi he & chara	<b>Symbol</b> ble to retrie acter e.g. &	eve the pre IBM. This
Added fur http://www.added.com/ Added fur aday's OHL functionali	CV values of ty includes the	ool Search 600G 524. 6 retrieve th , Watch List f a symbol b ne intelligence	end of the	e Ticker.	DHLCV va dows it is bol with t ecial chara	<b>alue of a s</b> now possi he & chara	<b>Symbol</b> ble to retrie acter e.g. &	eve the pre IBM. This
Added fur Added fur in the Deta day's OHL functionali when sym	ering the curs Symt 0.31%) G nctionality to ailed Quotes, CV values o ty includes th bol linking to	o retrieve th o retrieve th , Watch List f a symbol b he intelligence another win	end of the	e Ticker.	DHLCV va dows it is bol with t ecial chara	<b>alue of a s</b> now possi he & chara	<b>Symbol</b> ble to retrie acter e.g. &	eve the pre IBM. This quired [suc
Added fur Added fur In the Deta day's OHL functionali when sym	ering the curs Symbol (Symbol (Symbol (Symbol List* Open 157.29	ool Search ool Se	end of the end of the 60 ▲ 1.8 60	e Ticker.	CHLCV va dows it is abol with t ecial chara	alue of a s now possi he & chara acter when Prev High 158.71	symbol ble to retrie acter e.g. & n it is not re Prev Low 156.70	eve the pre IBM. This equired [suc
Added fur Added fur In the Deta day's OHL functionali when sym Watch List Symbol IBM " EUR A0-FX	CV values o ty includes the bol linking to Symbol List* Open 157.29 1.13424	ool Search ool Se	end of the	e Ticker.	CHLCV va dows it is abol with t ecial chara	alue of a s now possi he & chara acter when Prev High 158.71 1.14870	Symbol ble to retrie acter e.g. & n it is not re Prev Low 156.70 1.13159	eve the pre IBM. This equired [suc Prev Close 156.96 1.13320
Added fur Added fur In the Deta day's OHL functionali when sym	ering the curs Symbol (Symbol (Symbol (Symbol List* Open 157.29	ool Search ool Se	end of the end of the 60 ▲ 1.8 60	e Ticker.	CHLCV va dows it is abol with t ecial chara	alue of a s now possi he & chara acter when Prev High 158.71	symbol ble to retrie acter e.g. & n it is not re Prev Low 156.70	eve the pre IBM. This equired [suc
Added fur Added fur In the Deta day's OHL functionali when sym Watch List Symbol IBM " EUR A0-FX	CV values o ty includes the bol linking to Symbol List* Open 157.29 1.13424	ool Search ool Se	end of the	e Ticker.	DHLCV va dows it is abol with t ecial chara	alue of a s now possi he & chara acter when Prev High 158.71 1.14870	ble to retrie acter e.g. & n it is not re Prev Low 156.70 1.13159 2022.75	eve the pre IBM. This equired [suc Prev Close 156.96 1.13320
Added fur Added fur In the Deta day's OHL functionali when sym Watch List Symbol IBM EUR A0-FX ES #F	CV values o ty includes the bol linking to Symbol List* Open 157.29 1.13424 2025.00	or on either ool Search 600G 524. 600G 525. 600G 52	end of the	e Ticker.	DHLCV va dows it is abol with t ecial chara s Prev Open 157.21 1.14764 2040.50	alue of a s now possi he & chara acter when Prev High 158.71 1.14870 2049.25	ble to retrie acter e.g. & n it is not re Prev Low 156.70 1.13159 2022.75	eve the pre IBM. This equired [suc Prev Close 156.96 1.13320 2024.00

A product of eSignal, an Interactive Data company

Version	Date
eSignal 12.1	March 2015

### • Enhanced the file naming functionality in the Screen Capture tool

In addition to having the Screen Capture tool auto-assign file names it is now possible to also assign a file name that remains unchanged for all images or that auto-increments on each image.

Screenshot Screenshot(2) (600x400) X	Screenshot(2)
Screenshot (600×400) ×	Auto-assign File Name   Auto-assign File Name   Auto-assign File Name
	Image: Constraint of the second sec
	DesGynal.2015 15750.00 Dyn Be Nov Dec 2015 02/04/2015

### • Redesigned Image Viewer

Several enhancements have been added to the Image Viewer making it easier to use. It is now possible to zoom in/out using the mouse scroll wheel (in addition to the slider) and pan across the image by click and drag.

Additionally the Viewer window now retains the last used size setting any time it is opened.



Copyright © 2015 eSignal

Version	Date
eSignal 12.1	March 2015

#### Added option to display or hide widgets for Social Integration •

In Application Properties->Social Integration it is now possible to select which widgets for Social Integration (Facebook, StockTwits, Twitter) to display in the Title Bar of the Chart and Market Profile and related context menus.

#### **Support Chat** •

Copyright © 2015 eSignal

It is now possible to chat with eSignal Support directly from the application.

Before you log in to chat, yo	u might want to search our KnowledgeBase for quick additional help:
Search KnowledgeBas	Symbol Guide – Quidty locate symbols and symbol formats.     System Status – View system information and the status of all our products.     EFS Help Center and Library     Firewalk Frox: Server Configuration – Review this if you are using a firewall or proxy server.     Special Deals for Current Subscriberst – Find more ways to save with your eSignal subscription!     eSignal File Sharing – Swep ideas or share tips on creating outsom formulas.
Still have questions? Talk to Ind basic billing issues.	one of our Technical Support Representatives live over the Internet! Log in below to get help on technical
Denotes required field	
* Denotes required field Name:*	
* Denotes required field Name:* Signal username or CID:*	
* Denotes required field Name:* Signal username or CID:* Email:* Question/Comment	
Denotes required field  Aame.*  Signal username or CD.*  mait.*  Duestion/Comment  Get Help1	ta Company. All rights reserved. Terms and Conditions Privacy Policy Trademarks

A product of eSignal, an Interactive Data company	Fage 25 01 51
Version	Date
eSignal 12.1	March 2015
Additional Enhancements and Fixes	
The following list highlights additional enhancements and fixes for eSigna	ll 12.1
<ul> <li>Shell</li> <li>Resolved an issue in the Screenshot Tool where spaces were no</li> <li>Chart</li> </ul>	t allowed in the filename.
<ul> <li>Added option to extend the Regression Trend Lines to the Left.</li> <li>Added lines to Channel</li> <li>Added year label to the time scale.</li> <li>Manage Drawing Tools window now retains the dropdown selecti</li> <li>Weekly (or higher interval) Pivots are now displayed even when the entire period on which the Pivot is based.</li> </ul>	

- Resolved an issue where Volume values in the Data Window could display incorrectly. ٠
- Resolved an issue where the projection of a Renko or Kagi chart type was intermittently blinking on updates of the chart.

### Market Profile

- Enhanced the functionality of the cursor.
- Resolved scaling issues in Market Profile.

### Market Screener Plus

- Renamed Resolution to Interval.
- Added Bar(s) Back parameter. Previously the Offset parameter was used for both the actual Offset of an indicator and as a Bar(s) Back parameter. This change simplifies writing conditions.

### Watch List / Dashboard

- Added option to hide Portfolio Totals even when there are open positions.
- Sort settings in the Dashboard are now retained between sessions.
- Enhanced highlight functionality of the 52 week High/Low cells.
- Resolved loading issues with some Watch Lists.
- Resolved an issue in the Portfolio where Totals could be affected by entry date of a position. •
- Resolved an issue in the Portfolio where closed positions were included in the Totals.
- Resolved an issue where Pre-Market settings were not blanking out cells.

### Studies

- Added new Source inputs for Built-in Studies and corresponding EFS Function. •
  - (Open+High+(2xClose))/4 also referred to as Weighted Close.
    - (Open+Close)/2 also referred to as Waist.
- Enabled option to display the study parameters for each study rather than a global setting.

### EFS

- Added functionality to print a Back Test Report. •
- Sort is now retained when reloading EFS scripts in grid-based windows. •
- Resolved an issue where EFS functions were working incorrectly with external intervals on Renko charts. •
- Resolved an issue where columns in grid based windows were not created correctly by some scripts.
- Resolved an issue with the auto-complete functionality in the Script Editor. •
- Resolved an issue where arguments in the main function could be incorrectly typed by the EFS engine. •

### Other

- Added symbol description to alert message macro.
- Added word wrap to News reader.

Version	Date
eSignal 12.1	March 2015

### **Options Analytix**

- Added Colors to leg IVs when editing them individually in the Projection View.
- Added ability to show Break Even line in the Projection View by right clicking on the Underlying Pane.
- Added Offset, All Individual or Custom legs in Risk Graph Implied Volatility modeling.
- Added fields: Extended Hours Change, Extended Hours Change %, Extended Hours Last and Beta to the Quote Sheet view.
- Added Unusual Volume Stocks and Unusual Volume Stocks (Time) scans to the Matrix (Basic Scans).
- Added various program optimizations.
- Fixed program defects.

Date eSignal 12.1

# 12.1 Update 1

### Apps

Updated WhisperNumber Premium. •

### Chart

- Resolved an issue where tick intervals of some user defined continuous contracts would not populate a • Chart.
- Resolved an issue with the performance of Volume Delta charts. •
- Resolved an issue where the mini S&P500 would scale incorrectly. •

### **Option Chain**

Resolved an issue where the command Remove Symbol could disappear. •

### EFS

Resolved an issue where the function setIntervalsBackfill() would not work correctly with a Dynamic time • template.

March 2015