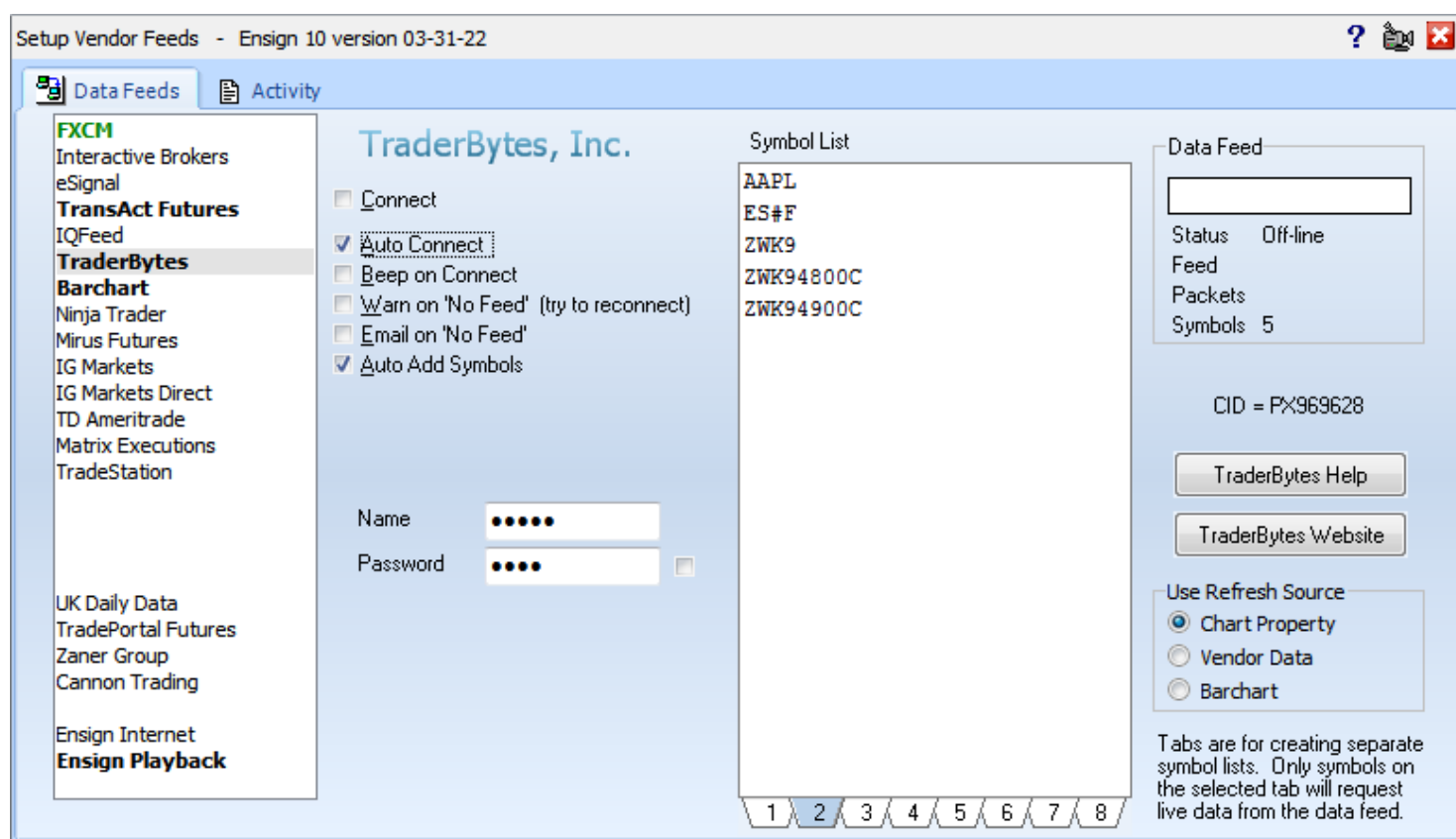# TraderBytes

Barchart is an independent company. They offer a real-time feed called Barchart. Ensign Software has arrangements with Barchart for 2 services.

1) We pay for access to their refresh servers so that Ensign can refresh our charts from Barchart using Barchart data. The cost for this service is included in the monthly subscription fee of $49.95 that we collect for a customer subscription. We get a price break for this service because we purchase in bulk.

2) We have also white labeled the Barchart feed under the name of TraderBytes and negotiated great rates, which you will find on the www.traderbytes.com web page. You can sign up for TraderBytes on that web page. The subscription for the feed is collected by Barchart. So TraderBytes is Ensign's rebranding of the Barchart feed.

Connect – Check this box to connect to the data feed. Uncheck the box to disconnect from the data feed.

Auto Connect – Check this box to have Ensign automatically connect to the data feed when Ensign runs.

Beep on Connect – When checked, Ensign will make a sound when the data feed connects.

Warn on 'No Feed' – Display a warning message when data is not seen for 2 minutes.

Email on 'No Feed' – Send an email if the data is not seen for 2 minutes.

Auto Add Symbols – Check this box to have Ensign add symbols to the Symbol list automatically when a chart is opened for a new symbol.

Name – Enter the User name associated with your data feed account.

Password – Enter the Password associated with your data feed account.

Symbol List – The Symbol List is your personalized Watch List. Ensign will only receive real-time data for those symbols entered in this list. Type directly in the list to add, remove, or rearrange the symbols. There are tabs below the Symbol List that allow you to setup 8 different customized symbol lists. Only the list that is showing will be active.

Data Feed – The Data Feed panel displays status information about the data feed connection.

TraderBytes Website – Click this button to open and view the TraderBytes website.

Refresh Source - Some data feeds show this frame for selecting the Refresh Source used to refresh charts for that vendor. The 1st selection will refresh each chart according to the Refresh selection on the chart's property form. The 2nd selection will globally force the refresh to use the data feed. The 3rd selection will globally change the source to refresh from Barchart, etc.

Futures Symbol Guide

Futures and Futures Options can be obtained from the following exchanges: CME, CBOT, COMEX, KCBT, MGEX, ICE, NYMEX, and others. Trade the Currencies, Energies, Financials, Grains, Indices, Meats, Metals, and Softs. Press Ctrl-F on the keyboard to search down through the symbols.

Futures Commodity symbols are created in three parts: the root symbol, the month code, and the year code. The month code is represented with a single letter as displayed below:

> F January
> G February
> H March
> J April
> K May
> M June
> N July
> Q August
> U September
> V October
> X November
> Z – December

Note: Each Futures market symbol trades in specific contract months. For example, many of the currency and index symbols trade only in the H,M,U,Z months. Visit each futures exchange for details on a symbol's trading hours and trading months.

The year code is displayed as one digit:

> 2019 would be displayed as 9
> 2020 would be displayed as 0

For example, the Emini S&P 500, December 2019 would be ESZ9
ES is the root symbol, Z is the month of December , 9 is for the year 2019

Sample Futures Symbols

> ESZ9   Emini S&P 500, December 2018 contract
> NQH0   Emini Nasdaq, March 2020 contract
> YMH0   Emini Dow Jones, March 2020 contract

Root Symbols for several Futures Markets and Exchanges

CME Emini Package (Globex)

E7	EMini Euro FX
E8	EMini Eurodollar 5Year Bundle
EA	EMini MSCI EAFE
EB	EMini Eurodollar
EO	EMini S&P 500 EUR
ER	EMini MSCI EMI
ES	EMini S&P 500
EW	EMini S&P Midcap
FN	EMini Xinhua 25
J7	EMini Japanese Yen
NB	EMini Nasdaq Bio
NC	EMini Nasdaq Comp
NQ	EMini Nasdaq 100
PC	EMini S&P SmallCap
SO	EMini S&P Asia 50

CBOT Mini Package

YM	MidSized ($5) Dow Industrials
YC	MiniSized Corn
XN	MiniSized Corn
XW	MiniSized Wheat
XK	MiniSized Soybeans

Chicago Board of Trade (CBOT Streaming)

ZC	Corn
ZO	Oats
ZW	Wheat
ZS	Soybeans
ZR	Rough Rice
ZM	Soybean Meal
ZL	Soybean Oil
ZA	Soybean South American
ZK	Ethanol
FZ	Ethanol OTC Swaps
EG	Ethanol Gulf Coast
EN	Ethanol Los Angeles
EH	Ethanol New York
CS	Soybean Crush
CM	Southern Minnesota Corn Basis Swap
CN	Eastern Nebraska Corn Basis Swap
CO	Eastern South Dakota Corn Basis Swap
CY	Northeastern Iowa Corn Basis Swap
DO	Southern Iowa Corn Basis Swap
FQ	Corn Calendar Swap
FR	Soybean Calendar Swap
FU	Wheat Calendar Swap
ZB	30 Year TBond
ZN	10 Year TNote
ZF	5 Year TNote
ZT	2 Year TNote
QS	30 Year Interest Rate Swap
SR	10 Year Interest Rate Swap
J8	7 Year Interest Rate Swap
SA	5 Year Interest Rate Swap
ZQ	30 Day Fed Funds

Chicago Mercantile Exchange (IMM)

A6	Australian Dollar
B6	British Pound
D6	Canadian Dollar
J6	Japanese Yen
E6	Euro FX
S6	Swiss Franc
M6	Mexican Peso
L6	Brazilian Real
N6	New Zealand Dollar
R6	Russian Ruble
T6	South African Rand
RP	Euro/Pound
RY	Euro/Yen
RF	Euro/Swiss
SK	Swedish Krona
NR	Norwegian Krone
UA	Euro/Krona
UB	Euro/Krone
UC	Euro/Australian
UE	Euro/Canadian
UF	Canadian/Yen
UG	Australian/Canadian
UI	Australian/New Zealand
UK	Australian/Yen
UN	British Pound/Swiss Franc
UR	British Pound/Yen
UP	Swiss Franc/Yen
WC	Czech Koruna
WE	Euro/Czech Koruna
WH	Hungarian Forint
WP	Polish Zloty

F2	Fed Funds Binary Options		WU	Euro/Hungarian Forint
ZD	Dow Industrials (E)		WY	Israeli Shekel
DD	BigSized ($25) Dow Industrials		WZ	Euro/Polosh Zloty
AH	Dow Jones AIG Excess Return Index		KZ	Korean Won
DH	Dow Jones Real Estate Index		QR	Renminbi/Yen
CX	Liquid 50 Swap Index		QV	Renminbi/Euro
DC	Dow Composite		QT	Chinese Renminbi
DT	Dow Transports		E4	Turkish Lira
DU	Dow Utilities		E5	Euro Turkish Lira
			MB	EMicro GBP/USD
			MF	EMicro EUR/USD
			MG	EMicro AUD/USD
			MH	EMicro USD/JPY
			MM	EMicro USD/CAD
			MN	EMicro USD/CHF
			CZ	CME $ Index
			GE	Eurodollar
			GP	Eurodollar Cal Spread
			F1	SPX Synth ED Cal SPD
			GJ	Euroyen Tibor
			EL	Euroyen Libor
			GH	1Month Libor
			C7	Eurozone CPI Index
			JB	Japanese Bond
			FD	3Month (OIS) Swaps
			S2	2Yr Swap Rate
			S5	5Yr Swap Rate
			S0	10Yr Swap Rate

Chicago Mercantile Exchange (IOM)

SP	S&P 500 Index
ND	Nasdaq 100
MD	S&P Midcap 400
SG	S&P 500/Barra Growth
SU	S&P 500/Barra Value
PH	S&P SmallCap 600
PP	S&P Depositary SPY
PZ	Nasdaq 100 QQQQ
PR	iShares Rus 2000
NL	Nikkei 225 Yen
NY	Nikkei 225
GD	GSCI
G7	GSCI Excess Return
G8	GSCI Excess Return Swap Index
C0	S&P GS Natural Gas ER
OE	S&P 100 OEX

Chicago Mercantile Exchange (CME)

GF	Feeder Cattle
LE	Live Cattle
HE	Lean Hogs
LS	Lumber

Kansas City Board of Trade (KCBT)

KE	Kansas City Wheat
MV	Value Line Futures

Minneapolis Grain Exchange (MGEX)

MW	Spring Wheat
IH	HRWI Hard Red Wheat
IP	HRSI Spring Wheat Index
IW	SRWI Soft Red Index

Commodities Exchange (COMEX) AL Aluminum HG High Grade Copper GC Gold SI Silver AM Gold Asian YN Emini Gold Kilo YS Emini Silver 1000oz	**New York Mercantile Exchange (NYMEX)** CL Crude Oil HO Heating Oil RB Gasoline RBOB RT Gasoline RBOB (E) LR Gasoline Gulf Coast PN Propane NG Natural Gas HP Natural Gas (E)
New York Mercantile Exchange emiNY package (NYMI) QM emiNY Crude Oil QH emiNY Heating Oil QU emiNY Gasoline Unleaded QG emiNY Natural Gas QO emiNY Gold QC emiNY Copper QI emiNY Silver	**ICE New York Board of Trade (CSCE)** KC Coffee CC Cocoa SB Sugar #11 SE Sugar #14 SD Sugar #16
ICE New York Board of Trade (NYCE) CT Cotton #2 OJ Orange Juice FCOJA	**ICE New York Board of Trade (NYFE)** CR CRB Futures Index CI Continuous CRB Index YV NYSE Composite
ICE New York Board of Trade (FINEX) DX U.S. Dollar Index EU Euro Futures AU Australian Dollar ZX New Zealand Dollar Plus many other Currency Futures	**CBOE Futures Exchange (Chicago Futures Exchange CFE)** VI Volatility Index VIX VN CBOE Nasdaq 100 VXN VE DJIA 30 VXD
NYSE Liffe YG Minisized Gold YI Minisized Silver ZG NYSE 100 oz Gold ZI NYSE 5000 oz Silver	

Futures Options

Example: ZCH03600C   Call for March 2020 Corn, 3600 strike