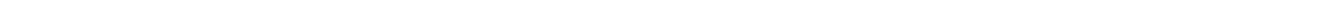


# T4 Client

By Nate Ostrye





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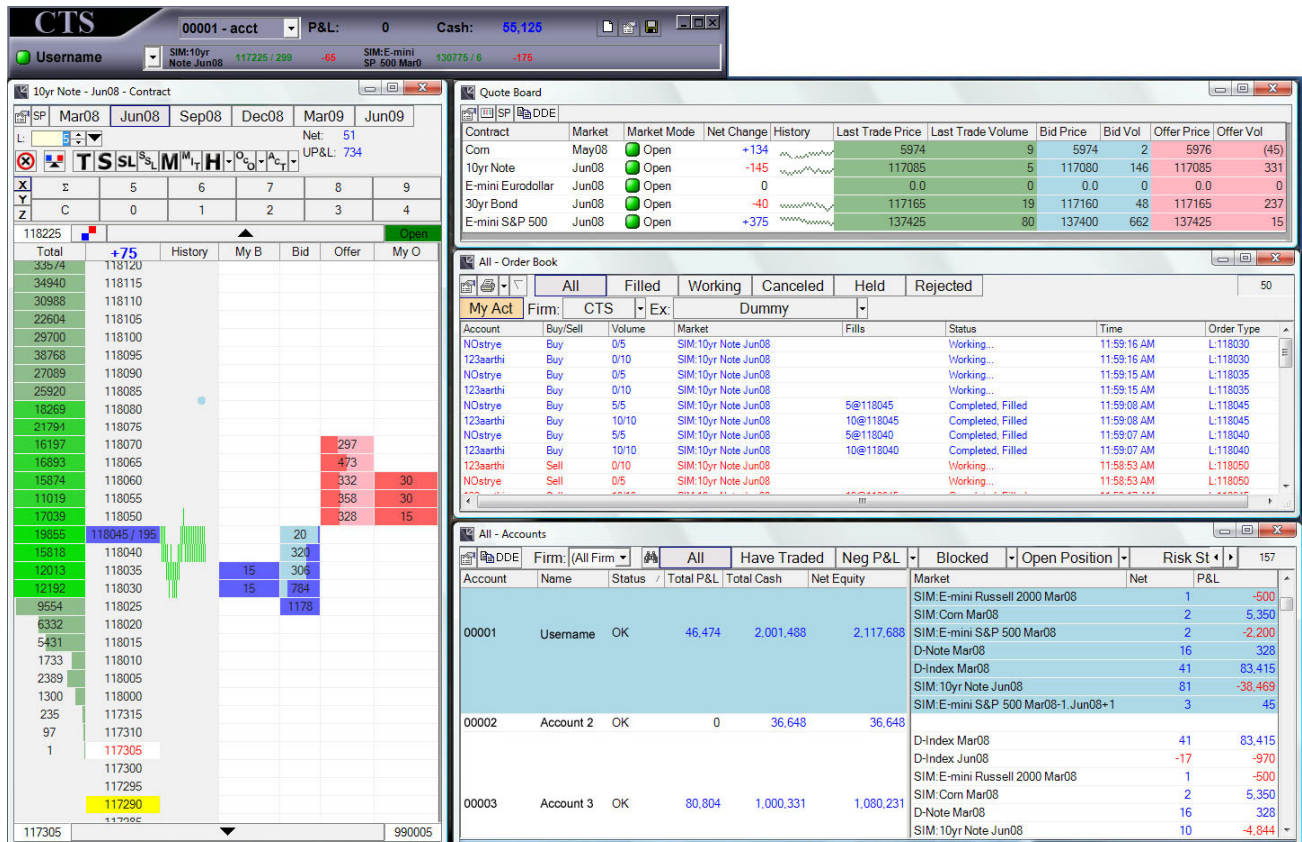
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# T4 Client



T4 Client is a lightweight, high performance Futures trading system intended for professional and retail traders alike. This internet based system can be accessed from anywhere in the world and offers access to multiple exchanges.

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# Installation

T4 has been designed to install very quickly and easily. Just follow the instructions below. If you have any questions please contact your Administrator.

1. Login to the website <http://www.ctsutures.com> and use the details provided by your Administrator.
2. Click Downloads from the left navigation pane.
3. Click the T4ClientLive.exe or T4ClientSim.exe link in the main page to begin the T4 install.

**Note:** On some older systems the install will prompt you to install Windows Framework 1.1 and/or Framework 1.1 Sp1. Framework 1.1 and Framework 1.1Sp1 are required to run T4 and are recommended windows updates.

4. Click Open or Run to begin the T4 download and follow the online instructions.

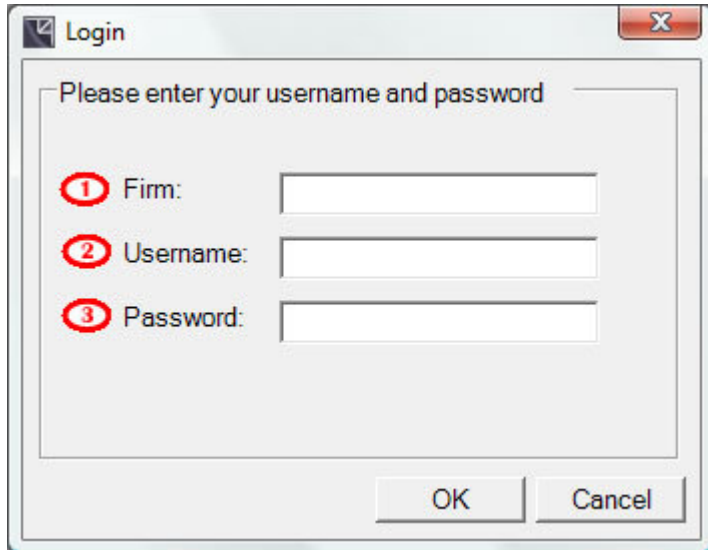
**Note:** If you didn't click Open or Run, but rather you saved the file to your machine, a double click on the file downloaded will be required to continue the install.



5. Click the shortcut created on the desktop or under Start => Programs => T4.
6. Login to the system using the same details you used to login to the T4 Website.
7. If you have any problems performing the install then please contact your Administrator.

---

# Logging In



Your Administrator will provide you with the following login details which will allow you to access and install the T4 Trading Front-end. The following three pieces of information will always be required for login.

---

<b>1 Firm</b>	Indicates the firm through which you trade.
---------------	---

---

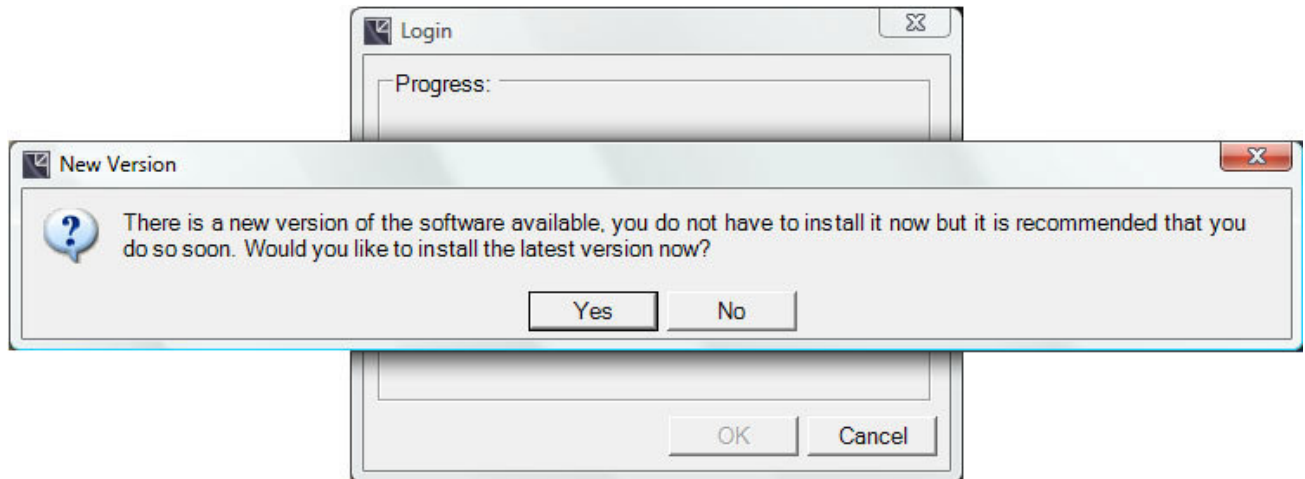
<b>2 Username</b>	The name provided to you by your Administrator.
-------------------	---

---

<b>3 Password</b>	<p>The password provided to you by your Administrator. Your password will be displayed as a series of *'s as you type. This is to prevent anyone from seeing your password.</p> <p><b>Note:</b> You should not disclose your password to anyone else. If you suspect that someone else may know your password then you should change your password by logging into the website and clicking Change Password, or contact your Administrator.</p>
-------------------	---

---

When T4 has added features or made other changes, you will be prompted to upgrade on your next login. You have the option of clicking 'yes' to upgrade now or clicking 'no' to upgrade at a later date. Some upgrades are mandatory and must be completed before logging into the front end. If an upgrade is mandatory, you will not have the option to choose 'no.'

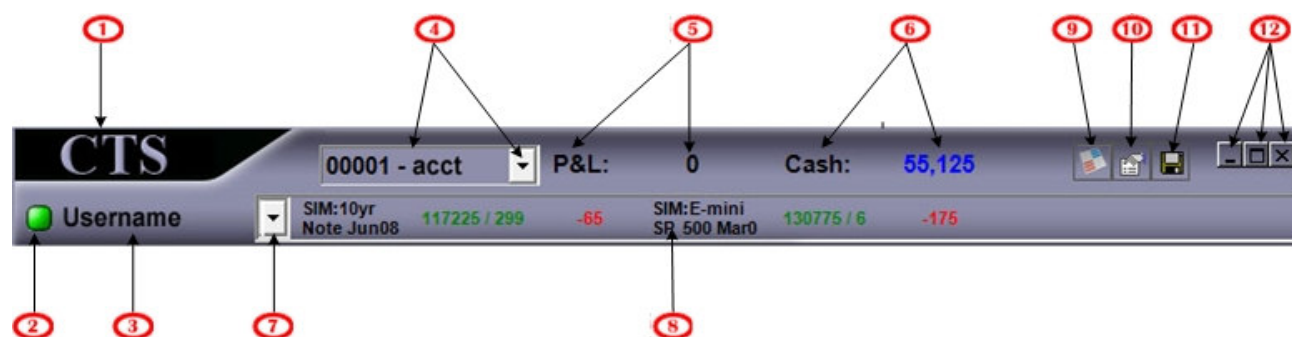


# Main Window





T4's Main Window will appear at the top of your screen by default.

The Main Window is where you set the Current Trading Account, create new items, change global properties, and save global settings. P&L and Cash for the Currently Trading Account are also displayed. The Current Trading Account is T4's active account. Any trades submitted and any account related information displayed is going to be for this account. The only place to view all your account information is the Account Board.

The lower half of the window displays T4's connection status, exchange messages, and your user name. Click on the exchange message drop down to view messages sent by the exchanges. The Status Bar also doubles as a Market Ticker when a status change isn't being displayed. By clicking on the Status Bar you are able to add any markets to the Market Ticker.
















1		Company Brand	Displays the name of the firm. This can be branded to the firm's specification.
2		Connection Status	If connection to the server is lost then this will flash red.
3	User Name	Current User	The name of the user that is currently logged in.
4	00001 - acct	Current Trading Account/Trading Account Drop Down	The Current Trading Account is the active T4 account. Orders submitted, and account related information displayed, will be for this account. Click the down arrow to choose a new account
5	P&L: 0	P&L	Profit and Loss for the session for the Current Trading Account.
6	Cash: 55,125	Available Cash	Available Cash for the Current Trading Account. This is your account balance, plus any P&L, less any margin requirements for your open positions and working orders.
7		Exchange Message Dropdown/Status Bar	. The status bar will flash messages from the exchange or from your firm's admin. To review changes in status click the dropdown button.

<b>8</b>		Market Ticker	The Status Bar also doubles as a Market Ticker when a status change isn't being displayed. By clicking on the Status Bar you are able to add any markets you desire to the Market Ticker. Displays the market, the last price traded, last quantity traded, and the net change
<b>9</b>	New Item Menu	New Item Menu	Click to open the <a href="#">New Item Menu</a> . This allows you to create new Contract windows, Quote boards, Account boards or Order Book windows.
<b>10</b>		Main Properties	Click to bring up all the main properties and settings for the T4 application
<b>11</b>		Save Market	Click to save the current User Settings.
<b>12</b>		Minimize, Restore, Close	The minimize, restore, and close buttons are located in the upper right hand corner of the window. Minimizing and restoring the Main Window will minimize and restore all T4 windows. Closing this window will close T4.

## New Item Menu



The New Item Menu is used to open the following trading windows.

<b>1</b>		<a href="#">Contract</a>	Displays the market depth for a contract and allows simple and fast order submission.
<b>2</b>		<a href="#">Chart</a>	Displays charts for any contract
<b>3</b>		<a href="#">News</a>	Displays news stories and economic indicators
<b>4</b>		<a href="#">Quote Board</a>	Displays the current quotes for several contracts in a single window.
<b>5</b>		<a href="#">Order Book</a>	Displays all the orders that have been entered into your accounts for the current trading session.
<b>6</b>		<a href="#">Account Board</a>	Displays the details, positions and P&L for all the accounts that you are allowed to view.
<b>7</b>		<a href="#">Market History</a>	Displays a history of trades occurring in a market.
<b>8</b>		<a href="#">Account Group Setup</a>	Allows users to trade for multiple accounts with different ratios with one click
<b>9</b>		<a href="#">Account Reports</a>	Displays various position and trade reports for the days activity
<b>10</b>		<a href="#">Account Contract</a>	Combines outright and spreads into one position breakdown by month and product
<b>11</b>		<a href="#">Account Activity</a>	Shows detail history of order and fill information
<b>12</b>		<a href="#">Release Notes</a>	Opens an instance of your internet browser and navigates to our latest T4 Release Notes available on the web. This outlines the main changes made in the last release of the software.
<b>13</b>		<a href="#">Help</a>	Automatically opens this help document.

## Status Bar / Market Ticker



The Status Bar will flash messages from the exchange or your firm's administrator. To review changes in status click the dropdown button. The status bar also doubles as a Market Ticker when a status change isn't being displayed. By clicking on the Status Bar you are able to add any markets to the Market Ticker.

### Status Bar

- Displays exchange and firm administrator's messages.



- 
- Click the dropdown arrow to view a list of previous messages.
- 

#### Market Ticker

1. Click anywhere in the Status Bar to open a [Market Picker](#) dialog.
  2. Select the markets that you want to display in the ticker. If you select more markets than can be displayed at once then the ticker will scroll them.
- 

## Main Properties



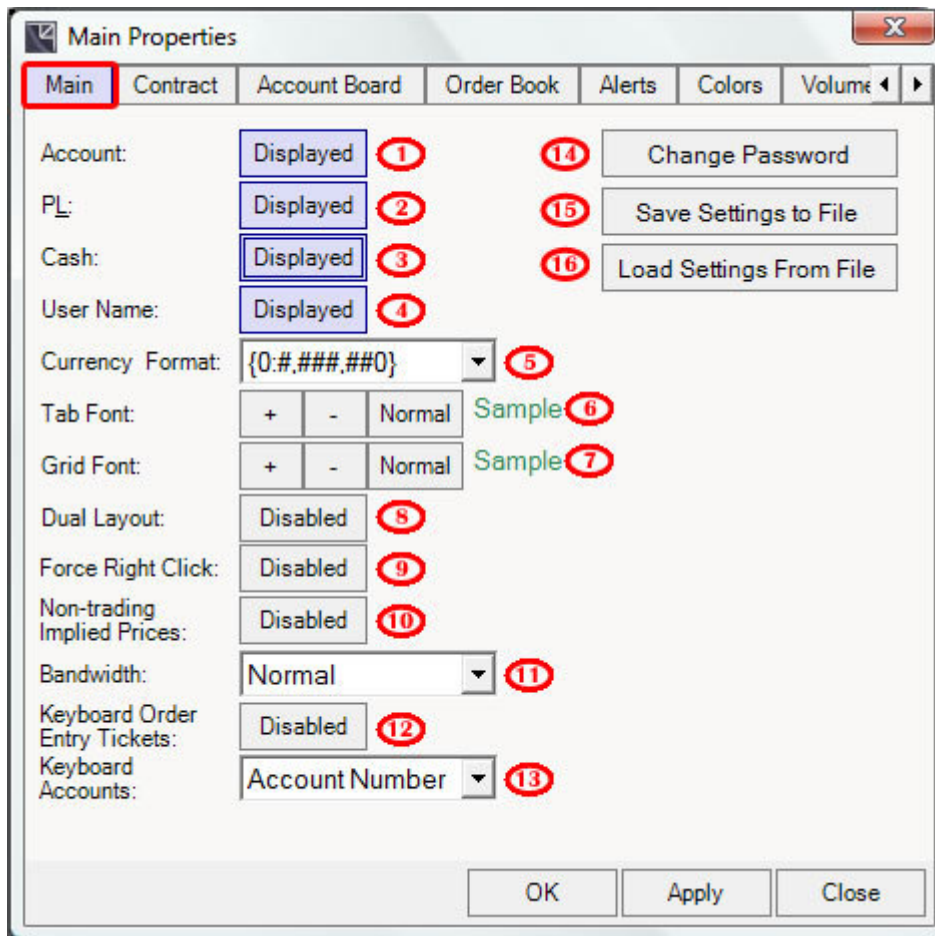
T4 is highly configurable. You can change what information is displayed on the Main Window, adjust your color scheme, enable sounds, and customize global settings for other T4 items from the Main Properties.



Click the Properties button in the upper right corner of the Main Window to open Main Properties.

---

## I. Main Tab

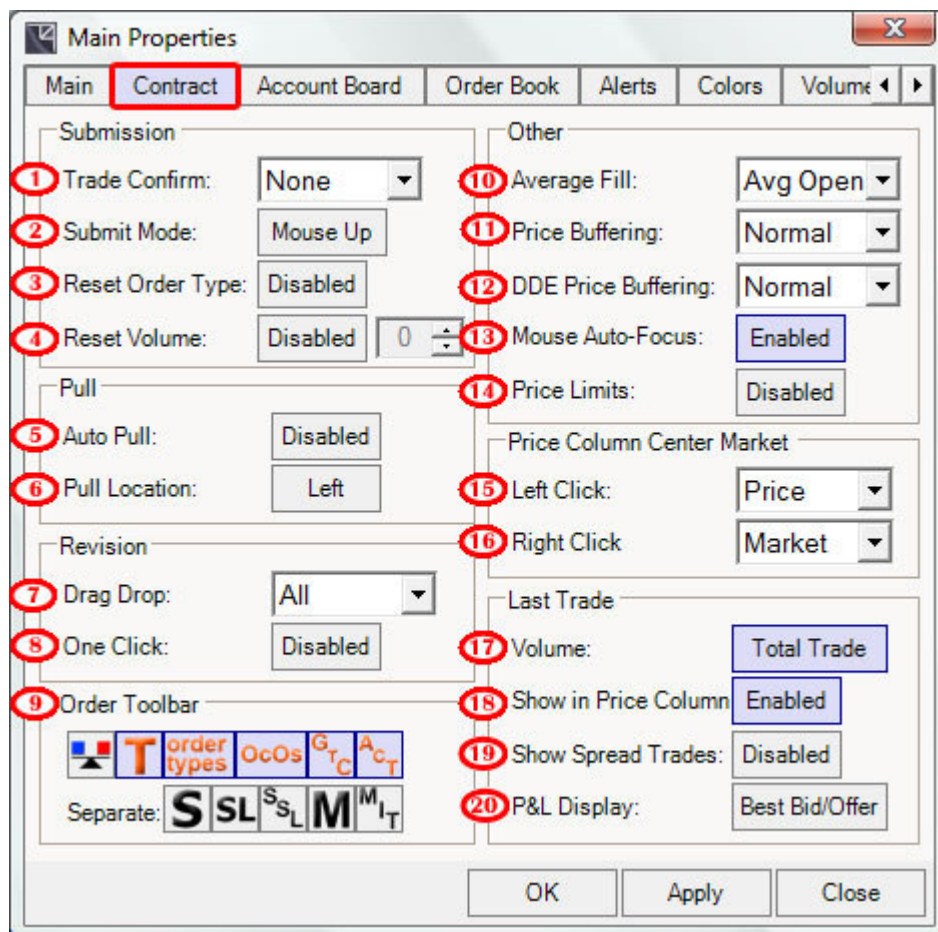


The Main Tab has properties that affect the display of information on the [Main Window](#) as well as a few general properties that affect the display of information for the entire application.

<b>1 Account</b>	Hide or display the Current Trading Account field on the Main Window.
<b>2 P&amp;L</b>	Hide or display Profit and Loss on the Main Window.
<b>3 Cash</b>	Hide or display Cash on the Main Window.
<b>4 User Name</b>	Hide or display the User Name on the Main Window.
<b>5 Currency Format</b>	Sets the system wide currency format (with or without decimals).

<b>6</b> <b>Tab Font</b>	Adjust the default tab strip font settings.
<b>7</b> <b>Grid Font</b>	Adjust the default grid font settings.
<b>8</b> <b>Dual Layout</b>	Allows user to save two different workspaces called Primary and Secondary
<b>9</b> <b>Force Right Click</b>	For a pen tablet, allows the users to use right click functions
<b>10</b> <b>Non-trading implied prices</b>	Indicates with *( ) that some of the volume is implied through a spread and that the exchange will not match against it.
<b>11</b> <b>Bandwidth</b>	Normal or Reduced. Reduced eliminates some market messages so a wireless user is more efficient.
<b>12</b> <b><u>Keyboard Order Entry Tickets</u></b>	Description: Enabled/Disabled
<b>13</b> <b>Keyboard Accounts</b>	Description: Choice of displaying in order ticket as account number or name
<b>14</b> <b>Change Password</b>	Change password for your T4 login
<b>15</b> <b>Save Setting to File</b>	Save your T4 workspace to your local PC
<b>16</b> <b>Load Setting From File</b>	Load your T4 workspace from the saved location on your local PC

## ***II. Contract Tab***



The Contract Tab has properties that pertain specifically to [Contract](#) windows.

## Submission

<b>1 Trade Confirm</b>	Dialogs will prompt the user for confirmation prior to submitting, revising, and pulling orders.
None	Don't display a prompt. Orders are entered with one click.
Order Ticket	An <a href="#">Order Ticket</a> is displayed containing the order. This gives you the opportunity to make any changes to the order parameters prior to submission. Click Submit to submit the order.
Prompt	A simple Yes / No dialog will be displayed asking you to confirm the order.
<b>2 Submit Mode</b>	The mouse behavior required for an action on a <a href="#">Contract</a> window.

	Mouse Down	Trade action occurs when the mouse pressed down. This is the fastest way to submit trades but you don't have the ability to change your mind when the mouse is down. The order has already been submitted.
	Mouse Up	Action occurs when the mouse is pressed down and let back up. You have the ability to change your mind when the mouse is down. This is how normal buttons in Windows work.
<hr/>		
<b>3</b>	<b>Reset Order Type</b>	Automatically sets the <a href="#">Contract</a> window to the default order type (Limit) after each order is submitted. This automatically turns off all <a href="#">other order types</a> after an order has been submitted.
<hr/>		
<b>4</b>	<b>Reset Volume</b>	Allows users to set a default volume for order entry. After entering a order the left volume will reset to the volume number entered.
<hr/>		
<b>Pull</b>		
<hr/>		
<b>5</b>	<b>Auto Pull</b>	Automatically pulls orders that could potentially trade against the order currently being entered. The cancellation of existing orders is attempted prior to submitting the new order, but confirmation of the pulls is not waited for before submitting the new order.
<hr/>		
<b>6</b>	<b>Pull Location</b>	The Pull button can be aligned on the left side of a <a href="#">Contract</a> window or on the right.
<hr/>		
<b>Revision</b>		
<hr/>		
<b>7</b>	<b>Drag Drop</b>	When performing a drag-and-drop revision at a given price, you can revise all working orders or just the most recent working order (last in queue).
<hr/>		
<b>8</b>	<b>One Click</b>	If enabled, allows the user to revise a limit order to a price closer to the market with a single click. The revision must occur on the same side of the market. If no orders exist to revise then a new order is submitted.
<hr/>		
<b>Order Toolbar</b>		
<hr/>		
<b>9</b>	<b>Icons</b>	To activate and place the <a href="#">order type</a> on the <a href="#">Contract</a> window, left click each icon to change color from black to orange
<hr/>		
<b>Other</b>		
<hr/>		
<b>10</b>	<b>Average Fill</b>	<div>Avg Open Fill</div> <div>Highlights the price at which a user can scratch this trade if they flatten their position. The price will be highlighted in the bid or offer color depending on whether it is a long or short position.</div>
<hr/>		

	Day Breakeven	Highlights the price at which a user can scratch their entire trading day if they flatten their position. The price will be highlighted in the bid or offer color depending on whether it is a long or short position.
	None	No Average indicator
<b>11</b>	Price Buffering	T4 gives the user three options when selecting the speed at which price quotes are streaming to the user: Fast , Normal and Slow
<b>12</b>	DDE Price Buffering	T4 gives the user three choices when selecting the speed at which price quotes are used through the DDE link: Fast , Normal and Slow
<b>13</b>	Mouse Auto-Focus	If you have multiple contract windows overlapping, the one with the mouse on it will have the focus.
<b>14</b>	Price Limits	Highlights the price band limits the exchange has on a product for the current trading session.

### Price Column Center Market

<b>15</b> <b>16</b>	Left/ Right Click	Click behavior of the <a href="#">Contract price column</a> .
	None	No centering will occur.
	Price	The market depth will be centered on the price that was clicked.
	Market	The market depth will be centered on the last traded price.
	Market_ All	All open Contract windows will have their market depths center on the corresponding last traded price.

### Last Trade

<b>17</b>	Volume	<a href="#">Last Trade Volume</a> can be displayed as the last trade volume or the total volume of consecutive trades at the last traded price.
<b>18</b>	Show In Price Column	The <a href="#">Last Trade Volume</a> can be displayed in it's own Trade column or it can be displayed in the price column after the Last Trade Price. For example, if the Last Trade Price was 108220 and the Last Trade Volume was 42 it would be displayed in the price column as <b>108220 / 42</b> . You may have to make the column wider to see the entire price and volume.

---

**19** Show Spread Trades

User has a choice of displaying the last traded price of the outright or a trade that occurred due to a spread.

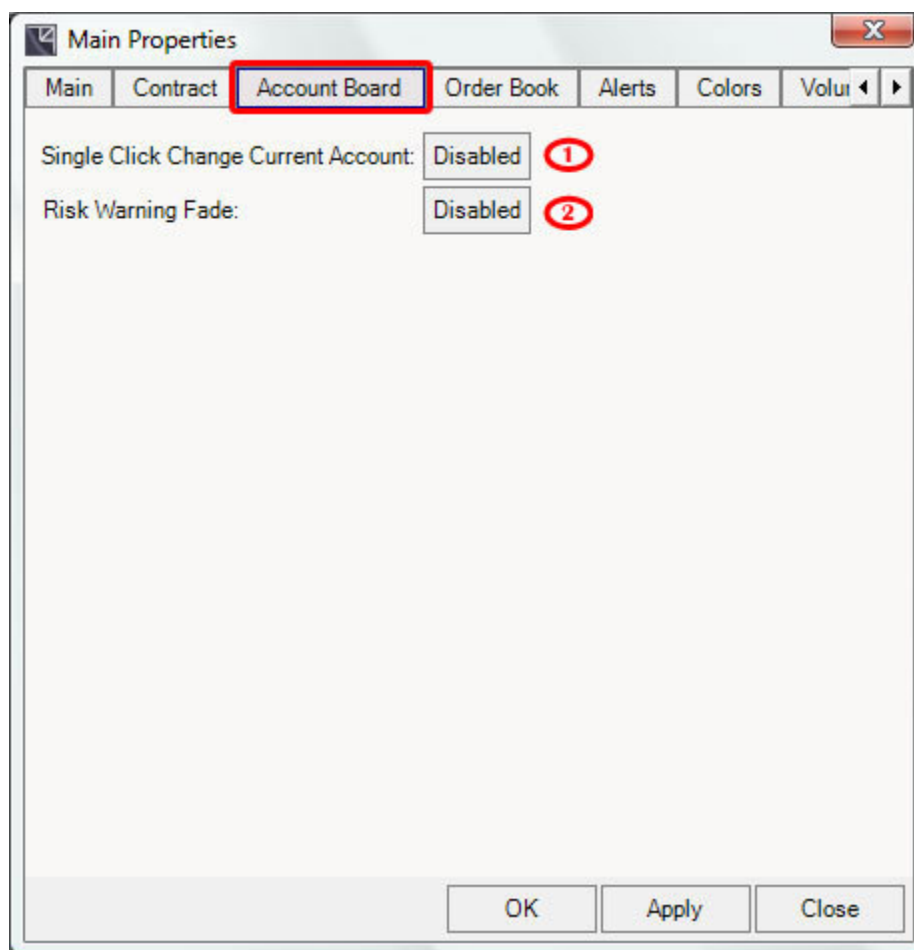
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**20** P&L Display

[P&L](#) can be calculated from the Best Bid/Offer or the Last Traded price.

---

### III. Account Board Tab



The Account Board Tab has properties that pertain specifically to [Account Board](#) windows.

---

**① Single Click Change Current Account**

If enabled, selecting an account in the [Account Board](#) automatically updates the Current Trading Account.

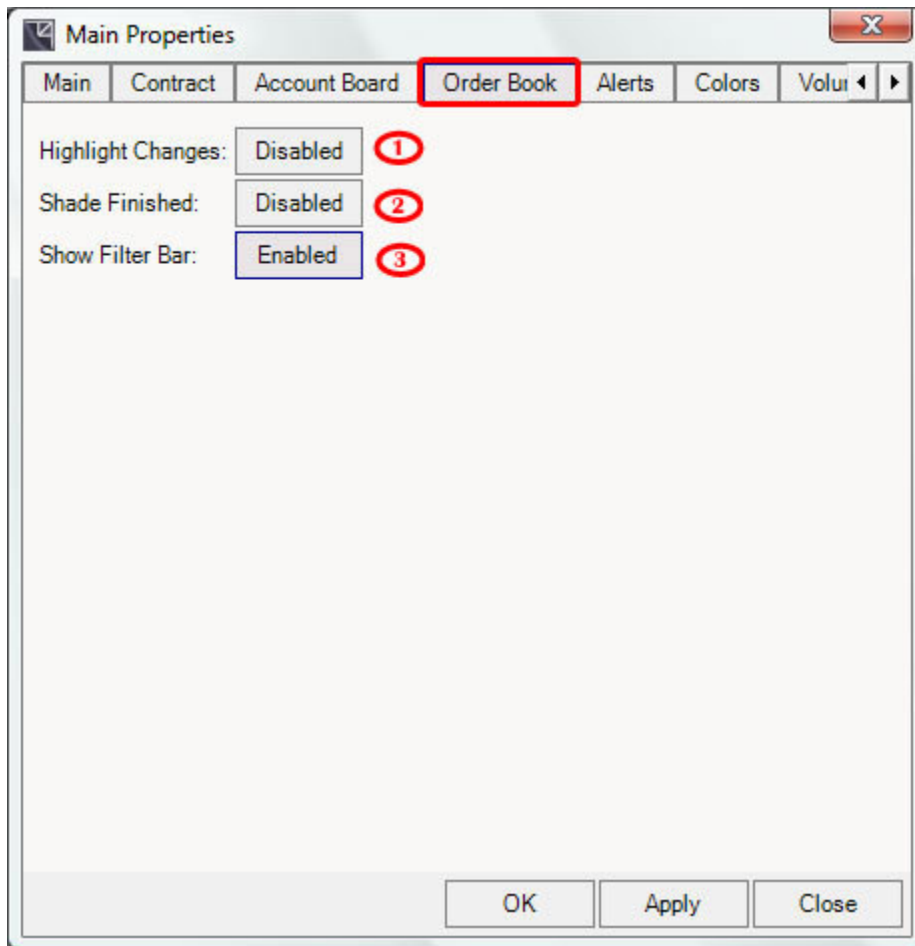
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**② Risk Warning Fade**

Choose whether or not to fade the warning summary column in the [Account Board](#).

---

## **IV. Order Book Tab**



The Order Book Tab has properties that pertain specifically to [Order Book](#) windows.

**① Highlight Changes**

If enabled, rows in the [Order Book](#) will be temporarily highlighted as changes occur. This includes new rows.



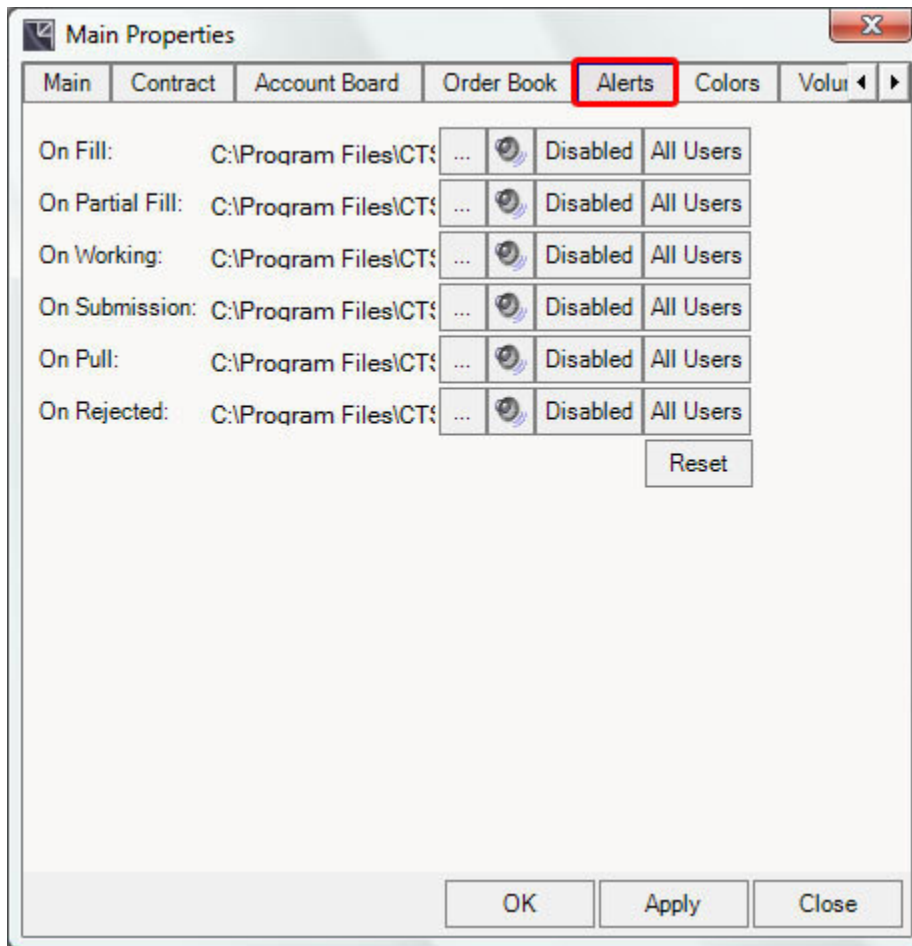
**② Shade Finished**

This option will shade a completed trade

**③ Show Filter Bar**

Allows user to switch between one account and all accounts in the [Order Book](#).

## V. Alerts Tab



The Alerts Tab is used to associate sounds to specific order states. You can select sound effects for different events such as when a fill is received, or when an order is submitted.



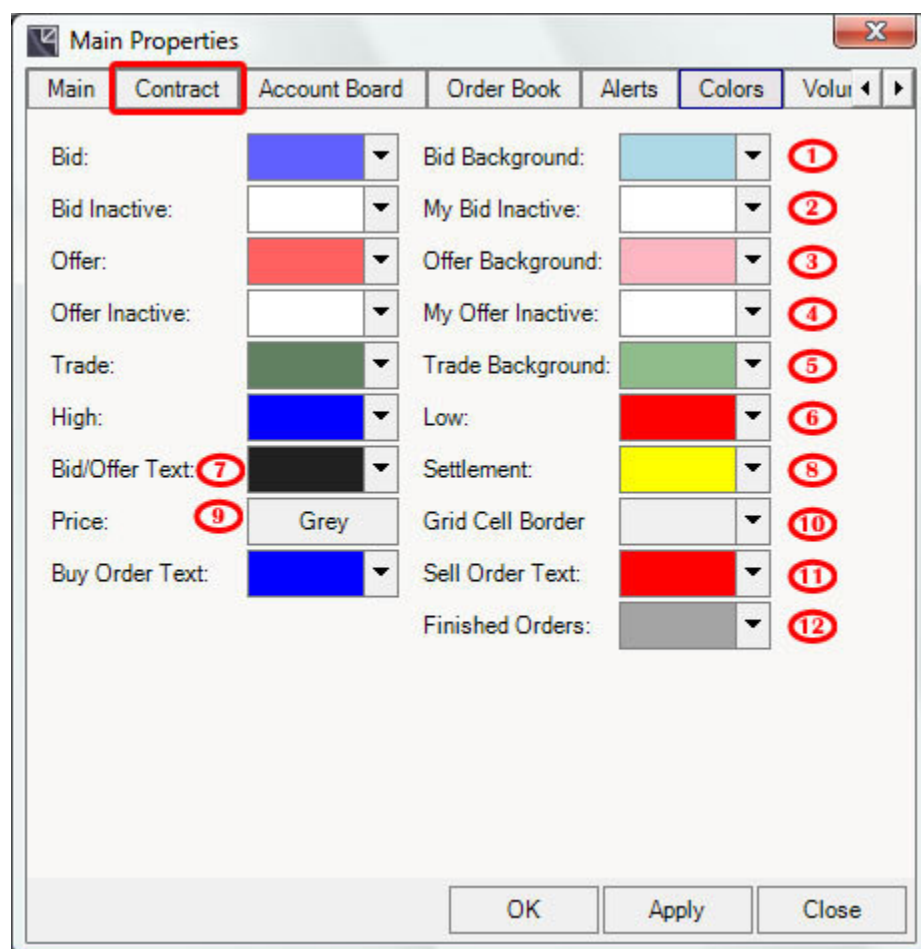
Search for a custom audio file for a given alert.



Sample the audio file associated with a given alert.

Disabled	Enable or disable an alert.
All Users	Play alerts for other users orders, or for just your orders.
Reset	Reset the default alerts.

## VI. Colors Tab

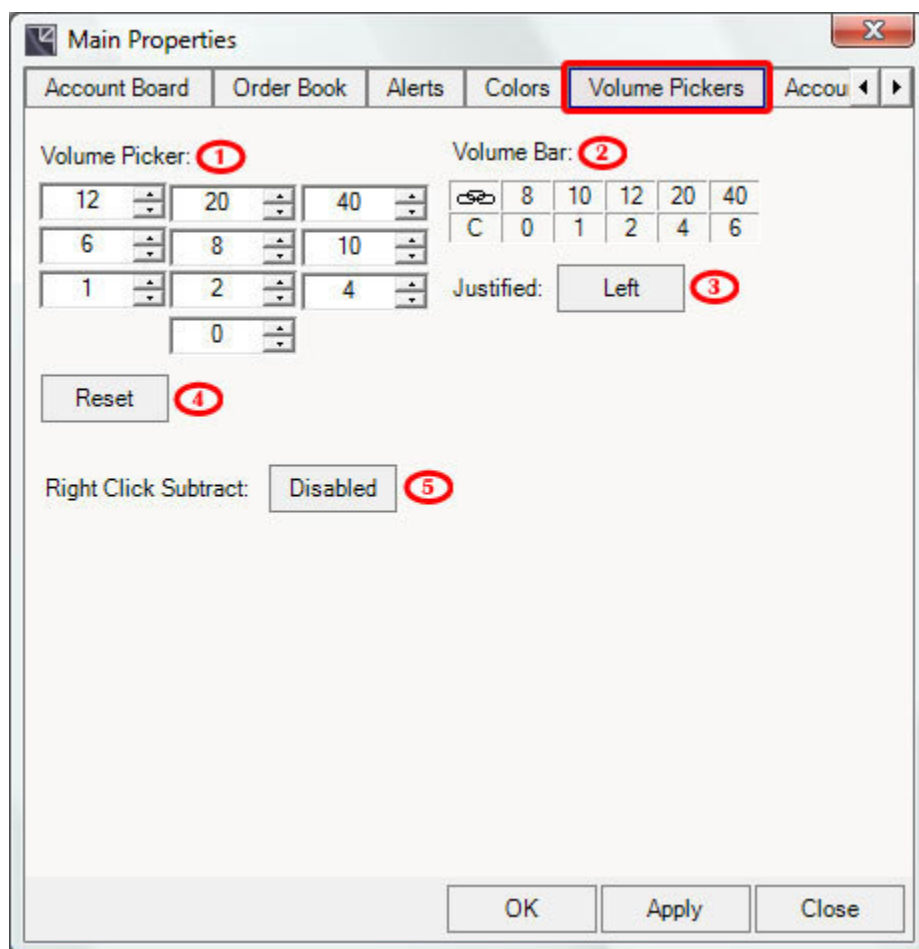


The Colors Tab allows you to customize your color scheme

- 
- |                               |                         |
|-------------------------------|-------------------------|
| <b>1 Bid / Bid Background</b> | Bid volumes and prices. |
|-------------------------------|-------------------------|
-

<b>② Bid Inactive/My Bid Inactive</b>	<p>The background color of the <a href="#">Contract</a> window Bid and Offer columns where there isn't any depth of market.</p> <p>The background color of the <a href="#">Contract</a> window My Bid and My Offer columns where the user doesn't have any working orders.</p>
<b>③ Offer / Offer Background</b>	Offer volumes and prices.
<b>④ Offer Inactive/My Offer Inactive</b>	<p>The background color of the <a href="#">Contract</a> window Bid and Offer columns where there isn't any depth of market.</p> <p>The background color of the <a href="#">Contract</a> window My Bid and My Offer columns where the user doesn't have any working orders.</p>
<b>⑤ Trade / Trade Background</b>	<a href="#">Last Trade Price, Last Trade Volume, and Total Traded Volume.</a>
<b>⑥ High / Low</b>	<a href="#">High and Low prices.</a>
<b>⑦ Bid / Offer Text</b>	Text color of the Bids and Offers on the <a href="#">Contract</a> window.
<b>⑧ Settlement</b>	Color in the <a href="#">price column</a> of the previous day's settlement price.
<b>⑨ Price</b>	Prices are displayed in grey or the Bid and Offer colors.
<b>⑩ Grid Cell Border</b>	All grid cell borders will be displayed in this color.
<b>⑪ Buy/Sell Order Text</b>	Color of the <a href="#">Order Ticket</a> window.
<b>⑫ Finished Orders</b>	Finished order shade color for order book.

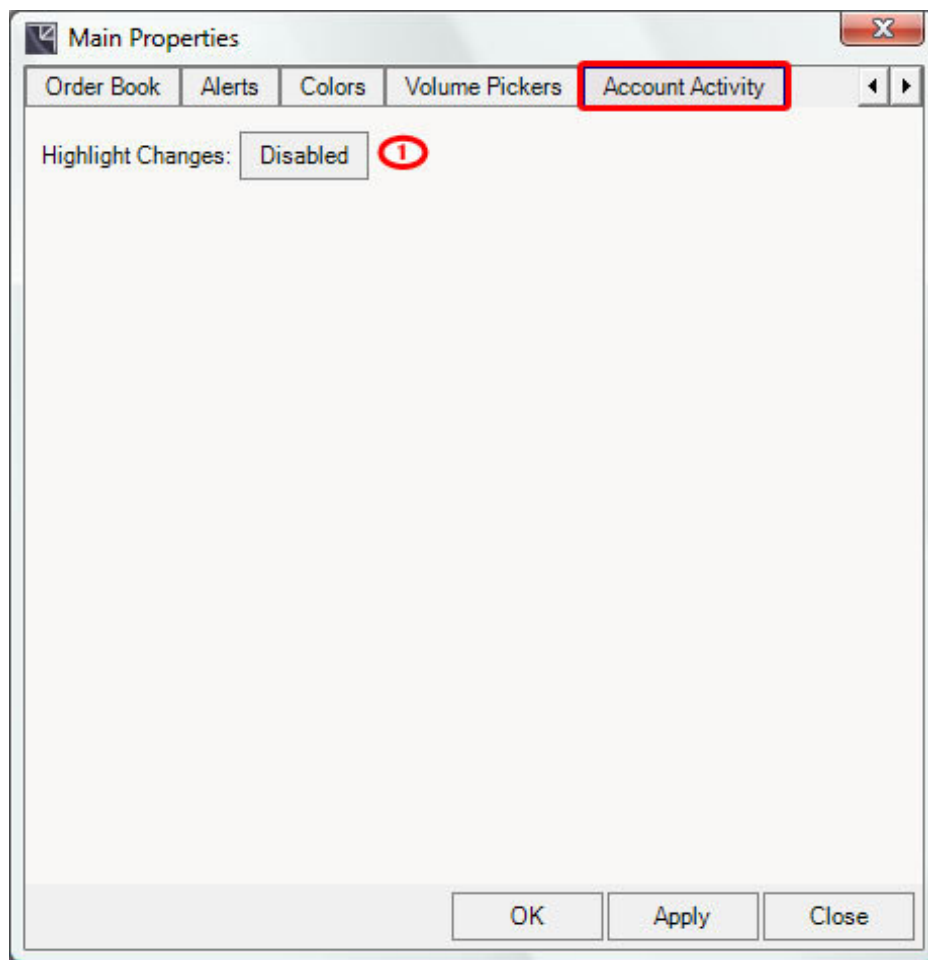
## **VII. Volume Picker Tab**



Customize your default [Volume Picker](#) and [Volume Bar](#) values.

- 
- |                        |   |
|------------------------|---|
| <b>1</b> Volume Picker | Adjust the values on the custom tab of the <a href="#">Volume Picker</a> and <a href="#">Volume Bar</a> . |
|------------------------|---|
- 
- |                     |  |
|---------------------|--|
| <b>2</b> Volume Bar | How the custom volumes will be displayed on the <a href="#">Volume Bar</a> . |
|---------------------|--|
- 
- |                    |  |
|--------------------|--|
| <b>3</b> Justified | Left or right justify the <a href="#">Volume Bar</a> clear button. |
|--------------------|--|
- 
- |                |                           |
|----------------|---------------------------|
| <b>4</b> Reset | Reset the default values. |
|----------------|---------------------------|
- 
- |                               |   |
|-------------------------------|---|
| <b>5</b> Right Click Subtract | Right click on the <a href="#">Volume Bar</a> to make the quantity 0. |
|-------------------------------|---|
- 

## VIII. Account Activity Tab



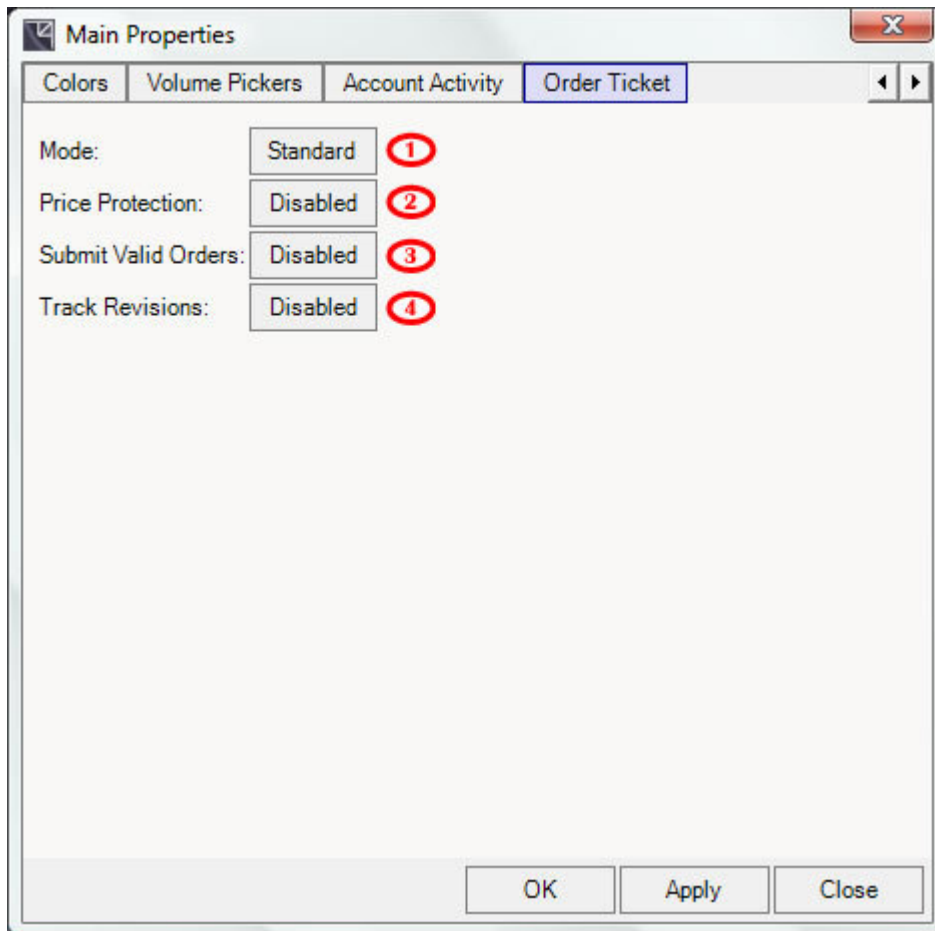
---

**1 Highlight Changes**

On the [Account Activity](#) window the user can choose to highlight changes.

---

**ix. Order Ticket Tab**



---

<b>1 Mode</b>	Switch from the standard order ticket to the advanced order ticket, which gives you the ability to pin orders and revise multiple orders with price arrows.
---------------	---

---

<b>2 Price Protection</b>	Displays message that indicates if the order will be filled instantly
---------------------------	---

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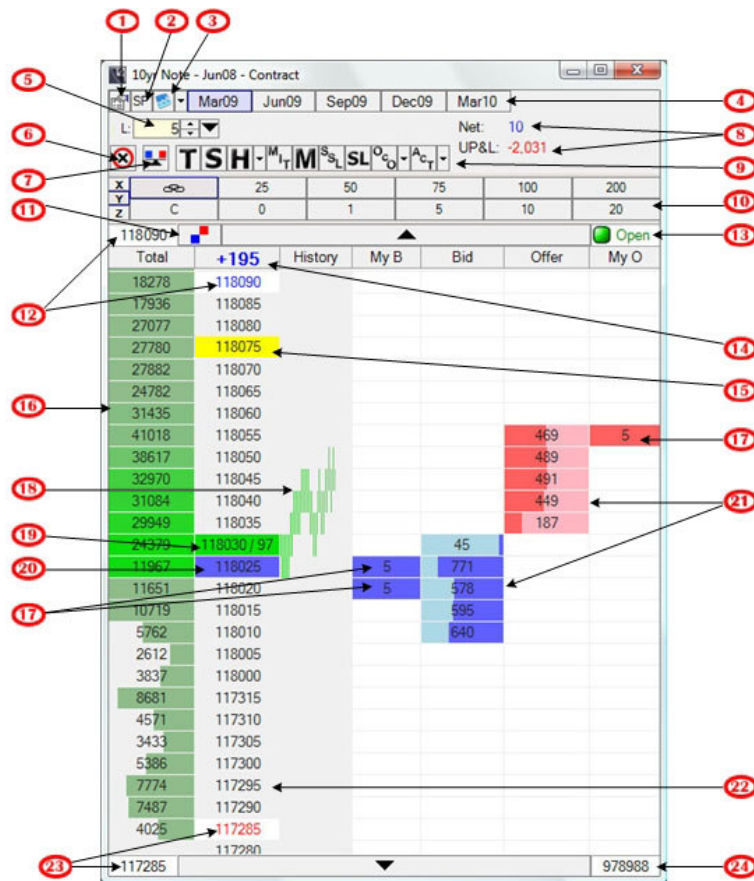
<b>3 Submit Valid Orders</b>	Orders that would be filled instantly are not entered
------------------------------	---

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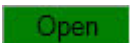


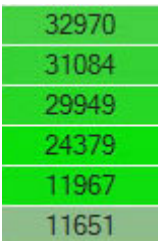




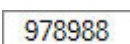
<b>4 Track Revisions</b>	Allows users to follow updates for the order
--------------------------	--

---

# Contract

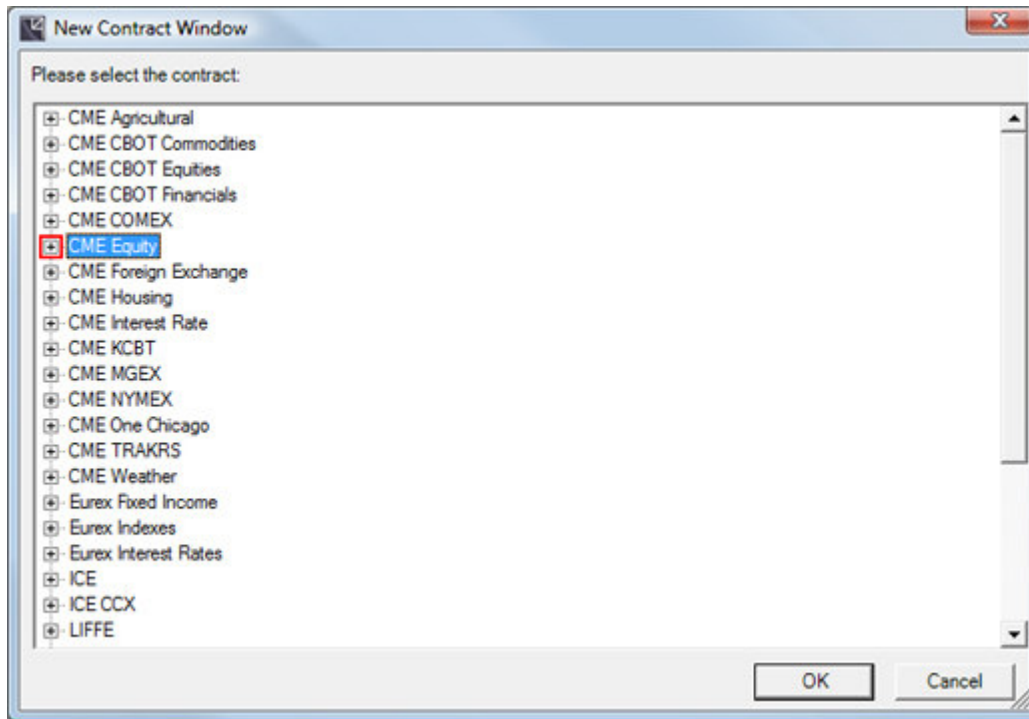



1		Properties	Change properties for the contract window
2		Strategy Activation	Allows users to view both outrights and strategies on the contract window
3		New Screen dropdown	Brings up a second contract window, a new chart, a market history window, or an account contract window.
4		Contract Months	List of the various contract months you can choose from
5		Lot Size	The number of lots you want to enter (using the left click of the mouse)
6		Pull All	Pull all the orders out of the market
7		Flatten All	Flatten your position
8		P&L/Position	View Profit & Loss, Unrealized Profit & Loss, Net position, and more (select from various

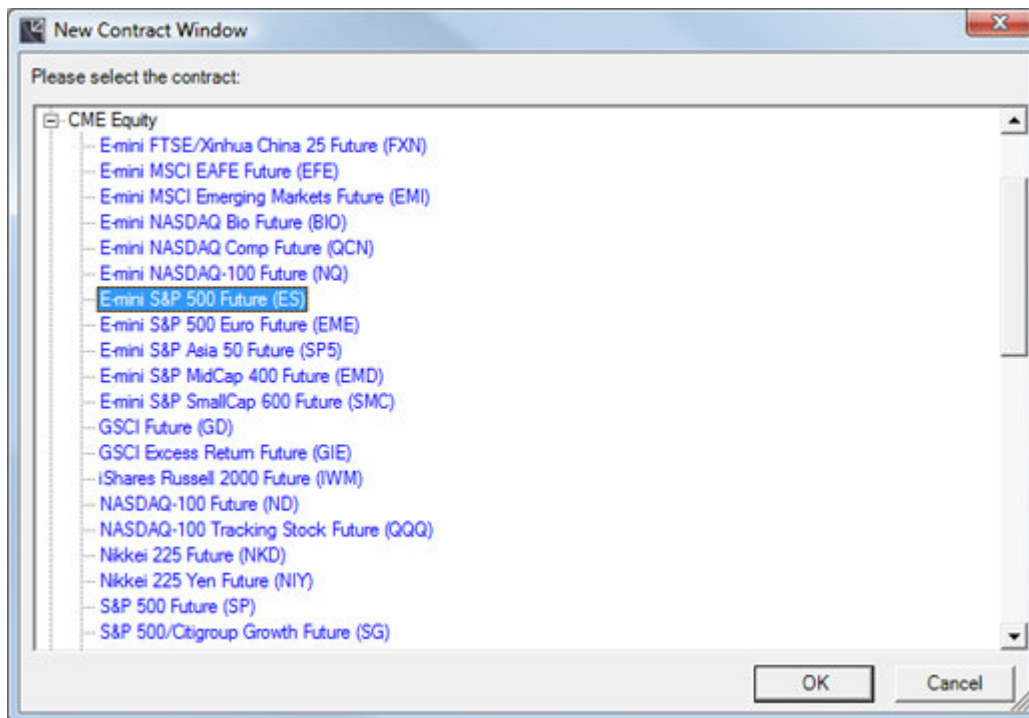
			options in the contract properties)
9		Order Types	Choose from a various selection of order types. Order types can be added in the main properties
10		Volume Bar	Add the volume bar from contract properties. Use it to add volume to the Lot size field
11		Center Market	Center the market in the contract window
12		Session High	The session high
13		Market Status	The status of the market. Can be opened, closed, in pre-open, or pre-close, or suspended
14		Net Change	The net change per trading session
15		Settlement	The previous session's settlement price
16		Market Volume By Price	Market volume by price
17		Your Working Bid/Offer	Show whatever bid or offer you are currently working
18		Trade Histogram	A graphical display of trades as they occur in the market.
19		Last Price/Volume	The last price and volume traded
20		Average Price of Open	The average price of the open
21		Market Depth	Shows the market depth
22		Price Ladder	Shows the prices
23		Session Low	The session low
24		Total Trading Volume	The total trading volume per session



## Selecting Contracts

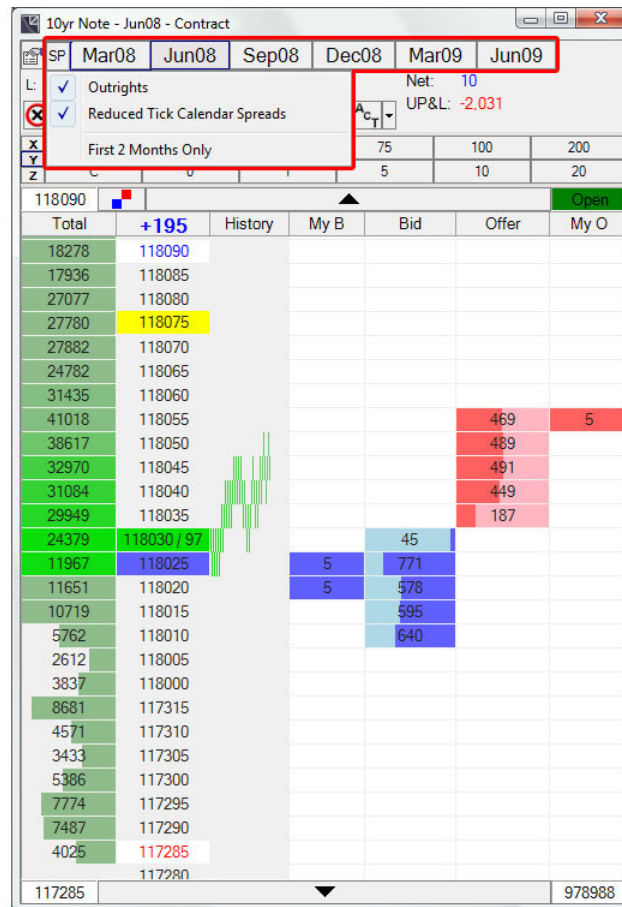


Click the  to the left of the exchanges to see a list of available contracts.



Double click a desired contract or select it and click **Ok**.

## Selecting Months and Strategies



Use the following Market Tab to switch between available markets. Just click on the market that you desire to trade. If you want to view multiple markets for the same contract then just open a second Contract and select the additional market.

---

SP	Mar08	Jun08	Sep08	Dec08	Mar09	Jun09
----	-------	-------	-------	-------	-------	-------

---

SP	<input checked="" type="checkbox"/> Outrights <input checked="" type="checkbox"/> Reduced Tick Calendar Spreads <input type="checkbox"/> First 2 Months Only
----	--

---

The **Spread** dropdown allows you to choose whether or not strategies are visible in the Market Tab Strip. If a contract has no spreads available then the 'SP' button will not be displayed. The SP dropdown will display all available strategies for that market. If you do not to see all the available markets choose the first 2 months only option.

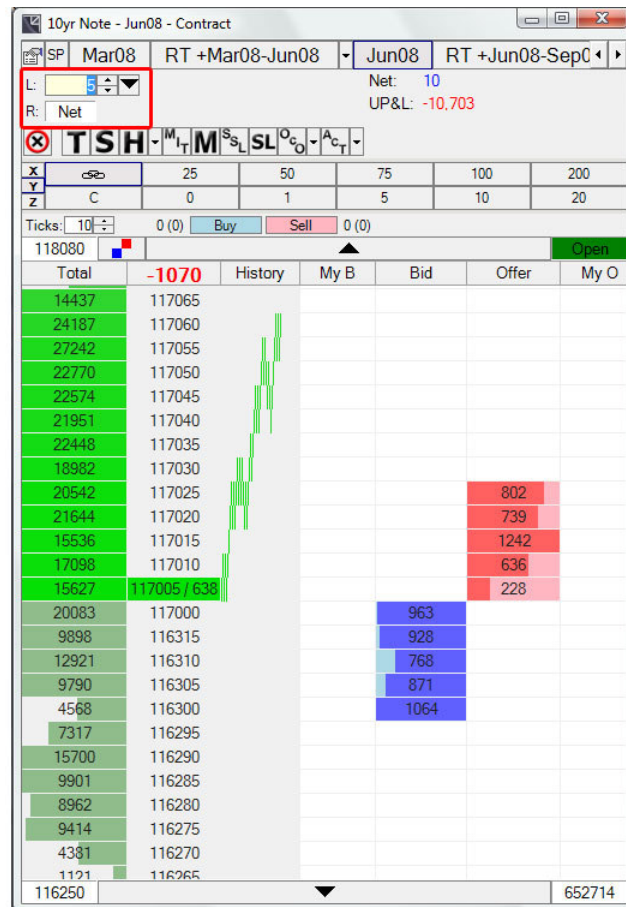
---

SP	Mar08	RT +Mar08-Jun08	Jun08	RT +Jun08-Sep08
----	-------	-----------------	-------	-----------------

---

Once visible, selecting **Spreads** is the same as selecting any other market. To the right of each spread market is a carrot dropdown with all available spreads for that front month.

## Setting Volumes



A Contract volume must be set prior to submitting an order. If you try and submit an order with no volume it will be rejected. By default only left click trading is enabled. If you would like to take advantage of right click net, or a separate right click volume, you will need to enable right click trading from the [Trading Tab](#) of the Contract Properties.

The volume fields use a custom [Volume Picker](#) designed for quick volume changes.

L:

This **volume** is used when submitting an order with a **left** click.

R:

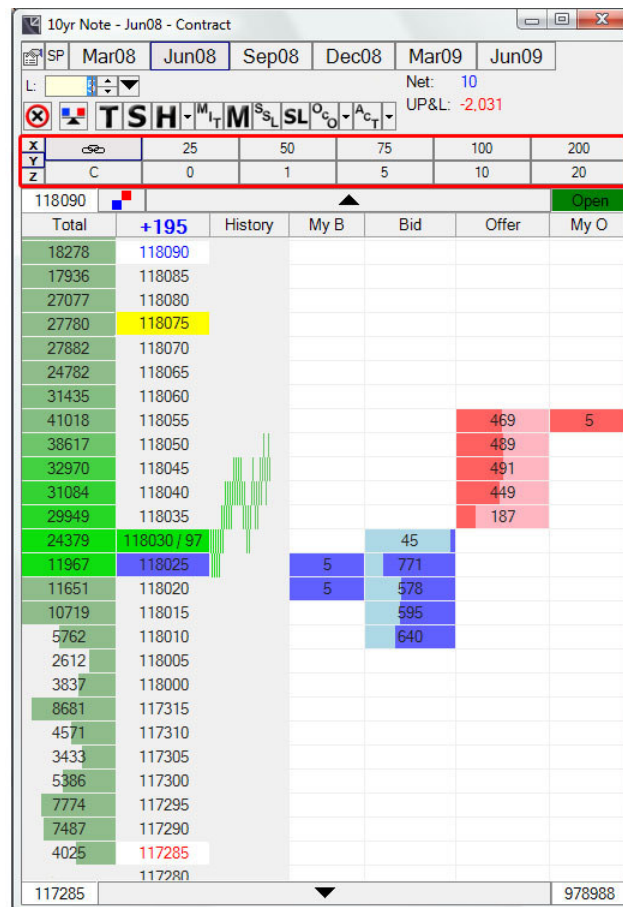
Or

R:


This **volume** is used when submitting an order with a **right** click. This field can be set to **net position** entry or a **numeric** entry (same as left click volume). The Net feature allows you to flatten your position with a right click. Enable right click trading from the [Trading Tab](#) of the Contract Properties.

The volume fields use a custom [Volume Picker](#) designed for quick volume changes.

## Volume Bar



The Volume Bar is convenient for quick volume changes. If the right click volume field is enabled for numerical entry then the Volume Bar will update the volume field that is currently selected

X		25	50	75	100	200
Y						
Z	C	0	1	5	10	20



Switch between fixed number tabs. X and Y are fixed tabs. Z is configurable in the [Main Properties, Volume Picker Tab](#).



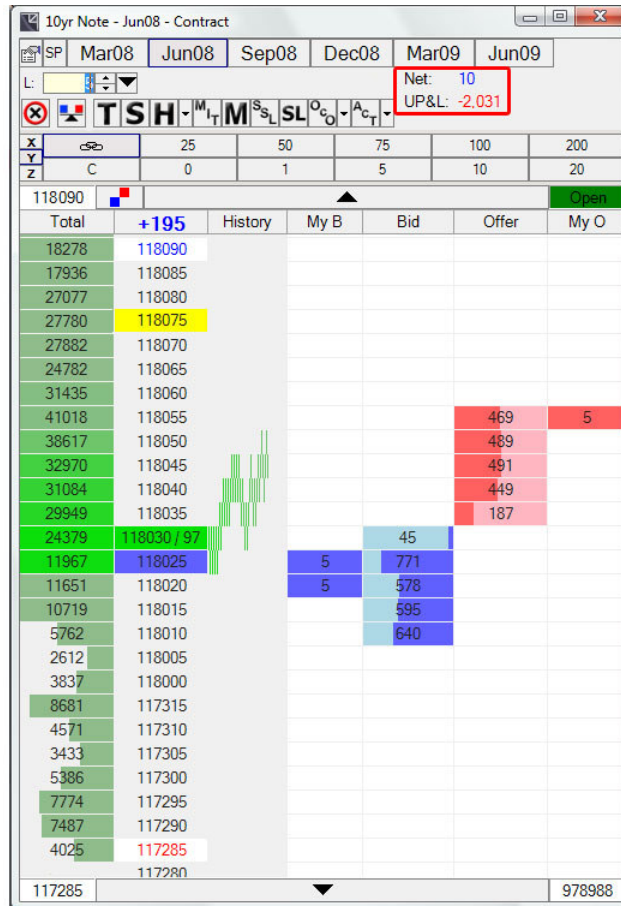
Switch between Sum and Chain mode.

- Sum mode: clicking 2, 2, 2 = 6
- Chain mode: clicking 2, 2, 2 = 222

## Fonts

The font can be increased or decreased by sliding the [Splitter](#) underneath up or down.

## Account Positions



Account Position information is displayed in the upper right corner of the Contract. By default your Net Position and Unrealized Profit and Loss are listed. Only trades for the current market and account are included. Additional account position fields can be selected from the [Accounts](#) tab of the Contract Properties.

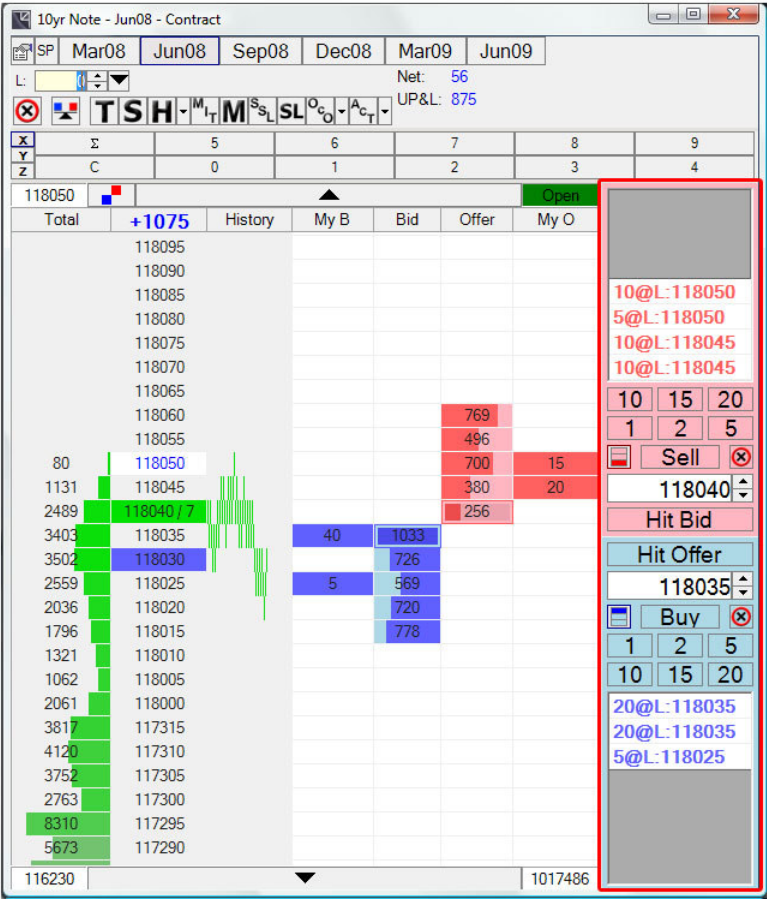
Net: 10  
UP&L: -2,031

Account Position details correspond to the current market and [Current Trading Account](#).

Net: 10  
P&L: -2,031  
UP&L: -2,031  
RP&L: 0  
Buys: 15  
Sells: 10

Additional details can be added from the Accounts tab of the Contract Properties. If the additional items don't all fit then adjust the [Splitter](#) below them by sliding it up or down.

# Contract Ticket



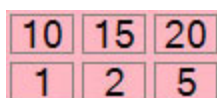
The Contract Ticket is used for rapid order entry. Preconfigured volumes reduce the need to change a contracts volume between the submission of one order and the next. Hit Bid and Hit Offer buttons submit orders against the best bid and best offer prices without having to click a specific price. Joining the best bid and best offer is simplified by enabling price tracking.

The Contract Ticket can be enabled from the [Trading](#) tab of the Contract Properties.

Contract Ticket configurations are on the [Ticket](#) tab of the Contract Properties.



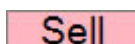
Working Offer List. The list can be configured to display all working orders or an order summary. The order summary aggregates orders by price and order type.



Sell Volume Buttons. Clicking a volume button submits a sell limit at the offer price and corresponding volume.



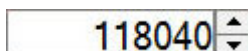
Enable offer price tracking by clicking the icon until the last rung is highlighted. To disable click icon again and the middle rung will be highlighted. When enabled the offer price tracks the markets best offer price.



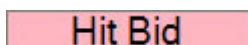
Submits a sell limit at the offer price using left or right click volume.



Pull all working offers.



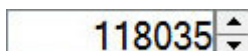
The offer price will always be the market's best offer price if price tracking is enabled. If price tracking is disabled the price can be changed manually by clicking the up and down arrows or by clicking in the offer column.



Submits a limit sell order at the best bid price using left or right click volume.



Submits a limit buy order at the best offer price and left or right click volume.



The bid price will always be the market's best bid price if price tracking is enabled. If price tracking is disabled the price can be changed manually by clicking the up and down arrows or by clicking in the bid column.



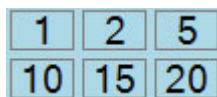
Enable bid price tracking by clicking the icon until the top rung is highlighted. To disable click icon again and the middle rung will be highlighted. When enabled the bid price tracks the markets best bid price.



Submits a buy limit at the bid price and left or right click volume.



Pull all working bids.



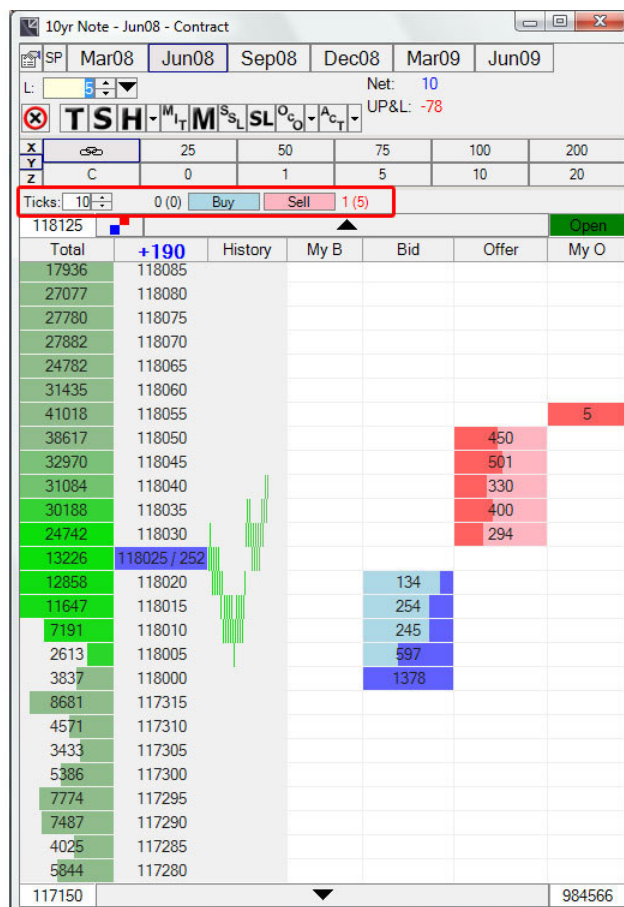
Buy Volume Buttons. Clicking a volume button submits a buy limit at the bid price and corresponding volume.





Working Bid List. The list can be configured to display all working orders or an order summary. The order summary aggregates orders by price and order type.

## Order Load Bar



The Order Load Bar submits trades a specified number of ticks off the best bid/offer. Quickly load orders off the market so that they are readily available for single click and drag-and-drop revisions. Right and left click trading is supported.

The Order Load Bar can be enabled from the [Trading Tab](#) of the Contract Properties.

Single click and drag-and-drop revisions are configurable from the [Contract Tab](#) of the Main Properties.

Ticks:

Ticks:

Bids will be submitted at a limit price at the specified number of ticks lower than the best bid price.

Offers will be submitted at a limit price at the specified number of ticks higher than the best offer price.

0 (0) 1 (5)

Working bid and offer volume is displayed separately in the following format:

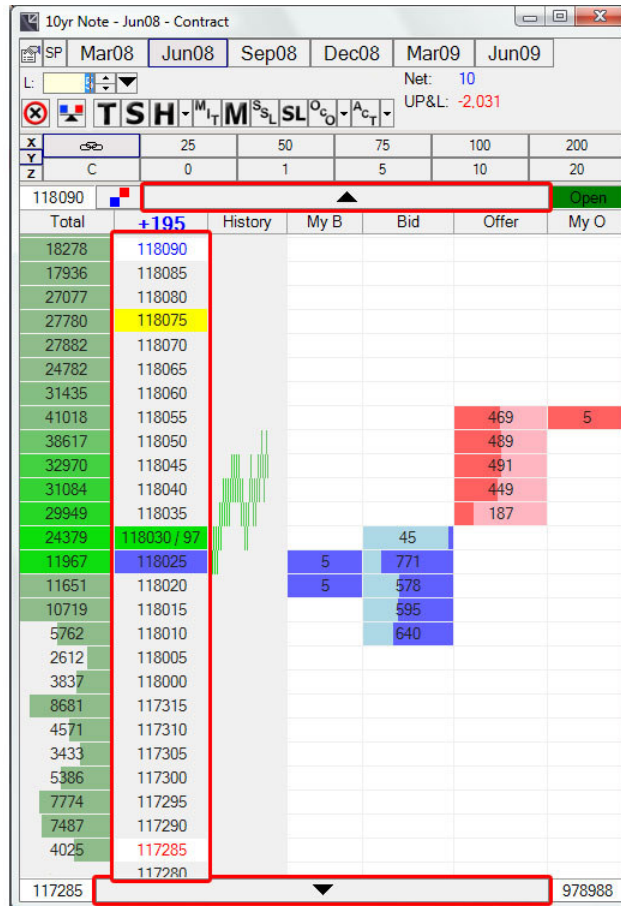
Total Orders (Total Volume)

For example:

3 (7) would indicate 3 working orders that have a total working volume of 7 lots.

The Buy and Sell buttons submit a single order per click. The buttons can be clicked multiple times and will continue to submit orders the specified distance from the best bid and best offer. These buttons support left and right click trading.

## Centering / Scrolling Depth



Throughout the trading day it is possible that the current market depth display become off center. You can either manually scroll the depth using the Up/Down arrows, a mouse scroll wheel, or the auto center features.



**Scroll depth** of market up or down.



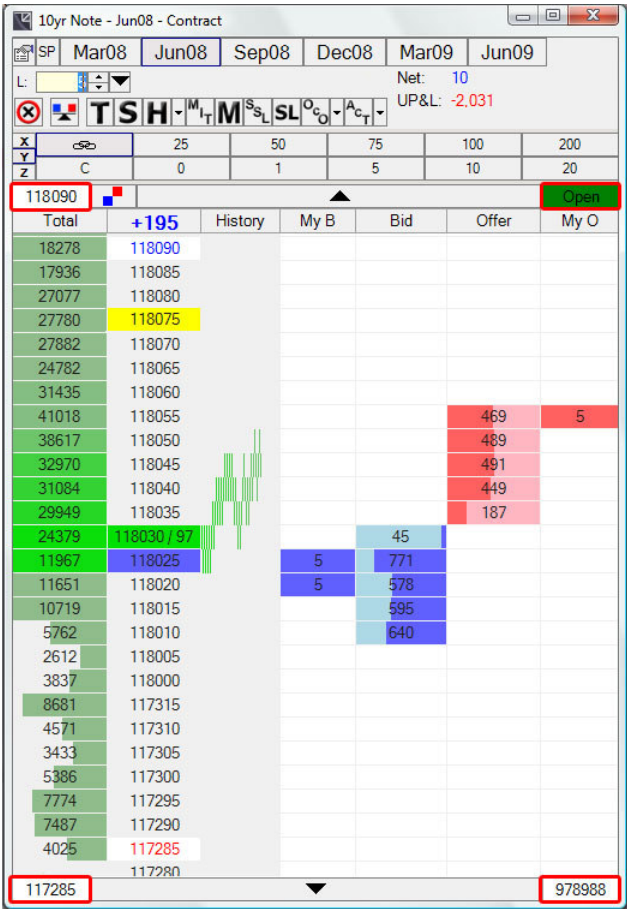
**Center depth** on the current market.

118040
118035
118030 / 97
118025
118020
118015
118010

Clicking on the price column can be configured to **center depth** in different ways. This is configured in the [Contract tab](#) in the Main Properties.

- Center the depth around the price that was clicked
- Center the depth at the current bid and offer in the current Contract window
- Center the depth in all open Contract windows

Market Details



The four corners of the Contract grid provide additional market information.

Open

Status of the current market.

Closed

PreOpen

Suspend

118090

High

High price for the current trading day.

---

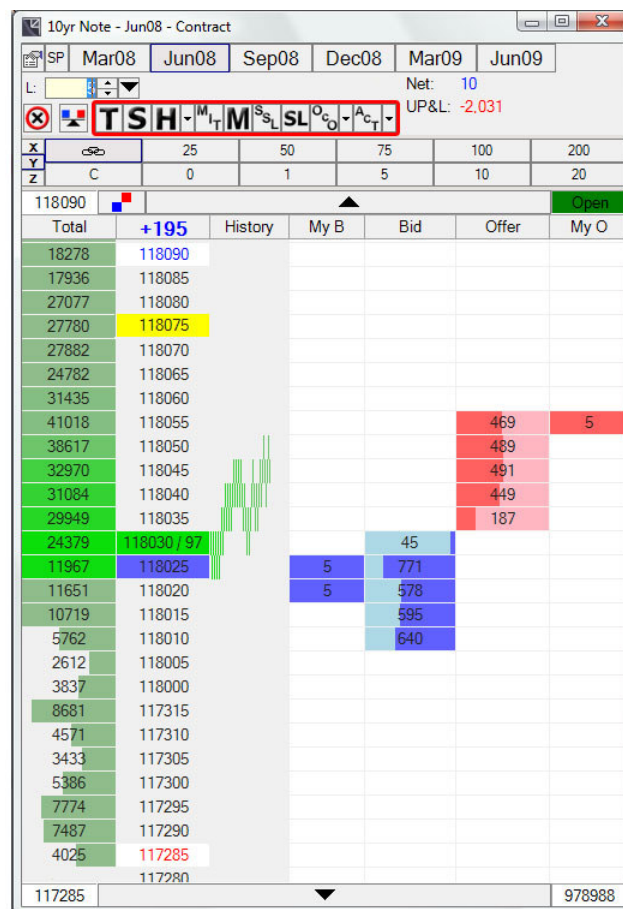
**117285****Low**Low price for the current trading day.

---

**978988****Total Traded Volume**For the current trading day.

---

## Order Types



Without using an [Order Ticket](#), the Contract window is able to submit the following order types. All orders are placed with a single left or right click in the bid or offer columns.

---

**Limit**The price at which the order is submitted is the orders limit price. All orders are defaulted to Limit orders.

---



Stop Order toggle. The price at which the order is submitted is the orders stop trigger price. Once triggered, Stop orders are submitted as stop market orders.



Trailing Order toggle. When orange, the next order submitted will be a trailing order. The number of tics away from the best bid/offer is how many tics your order will trail the market. For example if you are working a 5 tic trailing stop and the market rallies 3 tics, your order will move up 3 tics. But, on this same order if the market were to then drop 2 tics your stop would remain at its previous price.



Hit/Join toggle. Click  to switch between hit and join. When you select hit from the drop down list, H will turn orange. When you select join from the drop down list, a J will appear in orange. Hit is for hitting the Bid or Offer and Join is for joining the best bid/offer.



MIT toggle is Market if Touched. If you are working an order below or above the market and if one contract trades at that price, your order becomes a market order. MIT is saying that if my price trades I want to be filled and not wait in the order queue type.



Market Toggle is for placing a market order.



Stop Same Limit toggle. SSL means that your trigger price and limit price is the same.



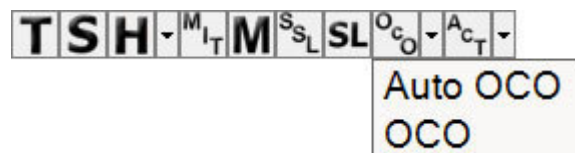
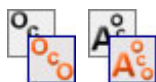
Stop Limit toggle is a stop order in which you place a limit on how many tics from the trigger price you are willing to let the order run.



GTC – Good Till Cancel



Icebergs – enter a 10 lot into the market but only show 2 at a time.



OCO/AutoOCO toggle. Click  to switch between OCO and AutoOCO. When you select OCO from the drop down list, OCO will turn orange. When you select AOCO from the drop down list, AOCO will appear in orange.



To enter an OCO left click on the OCO option and the color will turn orange. Two blank boxes will be displayed under the order types. One with a L for limit and one with a S for stop. You can now click on the price ladder in the Bid or Offer column next to the limit and then the stop prices you want. The

prices will populate in the respective fields then click Submit. You will see both orders in the My B or My O columns. If you get filled on one side of this order the other will cancel automatically. If you want to cancel both orders just click on one of them and both will cancel.

The screenshot shows the TSH order entry interface. The Limit (L) field is set to 25 and the Stop (S) field is also set to 25. The order type dropdown is set to A (Activation Order). The interface includes a 'Submit' button and a 'Cancel' button.

To enter an Auto OCO left click on the A oco option and the color will turn orange. Then set the number of ticks away from the order that you want your limit and your stop to be placed. Now enter your order on the contract window. The limit and stop orders will be held on the server until the original order is filled. You can view these orders in the order book under the all or held tabs. If you cancel the original order the limit and stop will automatically cancel.

The screenshot shows the TSH order entry interface with the Activation Orders/Queue Orders toggle. The toggle is currently set to Queue Orders (Q). The interface includes a 'Submit' button and a 'Cancel' button.

Activation/Queue Orders Toggle. Click ☐ to switch between Activation Orders and Queue Orders. When you select Activation Orders from the drop down list, ACT will turn orange. When you select Queue Orders from the drop down list, Q will appear in orange.

The screenshot shows the TSH order entry interface with the Activation Type dialog box open. The dialog box has tabs for Market Mode, Time, Price, and None. The Market Mode tab is selected, and the Market Mode dropdown is set to Pre Open. The dialog box also includes OK and Cancel buttons.

Activation Orders – can be placed by market mode, Time and Price. Select the type of Activation order then fill out the corresponding fields, click OK then enter your order.


Optionally set an Order Cancel Time. The order will be canceled at the specified time.

# Columns

10yr Note - Jun08 - Contract						
SP	Mar08	Jun08	Sep08	Dec08	Mar09	Jun09
L:					Net: 10	
					UP&L: -2.031	
	TSH	M	M	SL	O	A
X	25	50	75	100	200	
Y						
Z	C	0	1	5	10	20
118090						
Total	+195	History	My B	Bid	Offer	My O
18278	118090					
17936	118085					
27077	118080					
27780	118075					
27882	118070					
24782	118065					
31435	118060					
41018	118055				469	5
38617	118050				489	
32970	118045				491	
31084	118040				449	
29949	118035				187	
24379	118030 / 97			45		
11967	118025		5	771		
11651	118020		5	578		
10719	118015			595		
5762	118010			640		
2612	118005					
3837	118000					
8681	117315					
4571	117310					
3433	117305					
5386	117300					
7774	117295					
7487	117290					
4025	117285					
	117280					
117285						978988

The following contract columns are always displayed by default. You are able to drag and drop to change the order of the columns and adjust their widths. The following contract columns are always displayed by default. You are able to drag and drop to change the order of the columns and adjust their widths. The two columns that can be removed are the History column and Total column. These can be removed through the contract properties window, in the [display tab](#).



<b>Total</b>	<div>32970</div> <div>31084</div> <div>29949</div> <div>24379</div> <div>11967</div> <div>11651</div>	The total volume traded at each price for the current trading day. The darker the color is an indication of a more recently traded price. The <a href="#">fade time</a> and Trade/Trade Background <a href="#">fade colors</a> are configurable.
<b>History</b>		The history column is a graphical display of trades as they occur in the market. The maximum number of trades that can be plotted is 100. Each new trade is plotted to the left or right of the previous trade at its traded price. You can double click the History column to change the graph from left to right to right to left.
<b>Price</b>		The market prices are listed vertically. Many of the following price indicators have configurable colors.
	<div>+195</div>	The net price change for the trading day. This is the difference between the last traded price and the last settlement price.
	<div>118090</div>	High price for the current trading day.
	<div>11117</div> <div>117285</div>	Low price for the current trading day.
	<div>11119</div> <div>118075</div>	Settlement price of the previous trading day.
	<div>118030</div>	Last traded price.
	<div>118025</div> <div>118090</div>	Average open fill will be displayed in the <a href="#">bid/offer</a> color. This is the average price that you are long or short from. You know exactly where you need to trade to make money, scratch, or take a loss.
<b>Trade</b>	<div>97</div>	The volume of the <a href="#">last trade</a> . This can be configured as the last trade volume or the total volume of consecutive trades at this price.  <b>Note:</b> This value can appear after the Last Traded Price as 11228 / 2088 if Last Trade in Price Column is enabled on the <a href="#">Contract tab</a> in the Main Properties.
<b>My B (My Bid)</b>		Your working bids. Only working orders for the Current Trading Account are displayed, if you need to see working orders for multiple accounts then you can do so with the <a href="#">Order Book</a> window.
<b>Bid</b>		Bid depth.
<b>Offer</b>		Offer depth.

### *My O (My Offer)*

Your working offers. Only working orders for the Current Trading Account are displayed, if you need to see working orders for multiple accounts then you can do so with the [Order Book](#) window.

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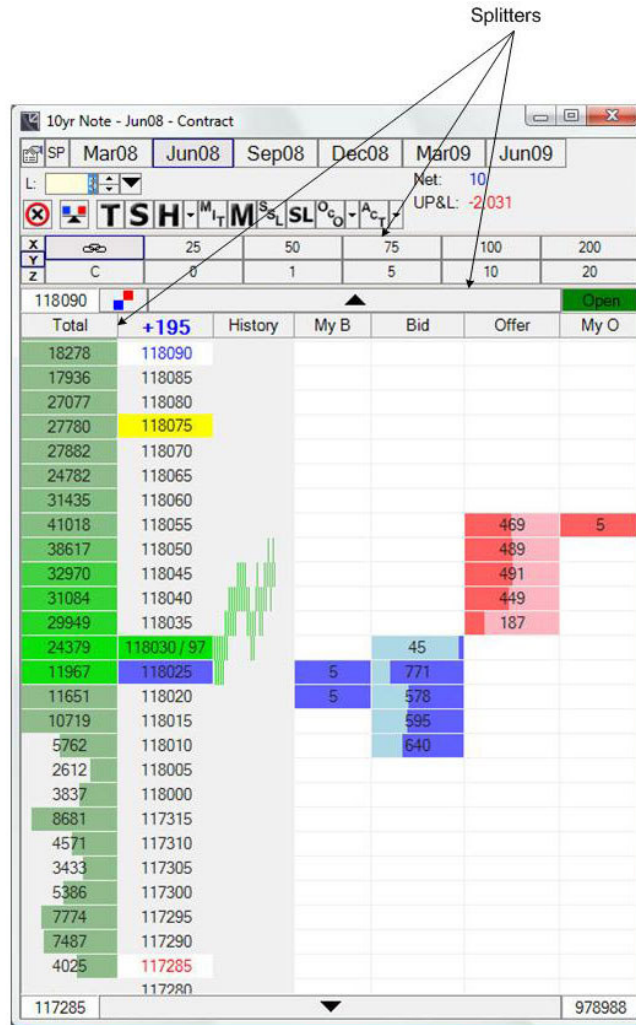
## Column Layout

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

A Contract windows [column layout](#) is fully customizable with the exception of being able to remove or sort the columns. Drag the column header to move and drag the column header side border to resize.

---

## Splitters



**Splitters** allow you to resize certain areas of the screen. Some sizeable areas adjust fonts dynamically.

1. Place your mouse over the splitter until it becomes the  or  cursor.
2. Click and hold your left mouse button.
3. Drag the splitter in the desired direction.

## View Only



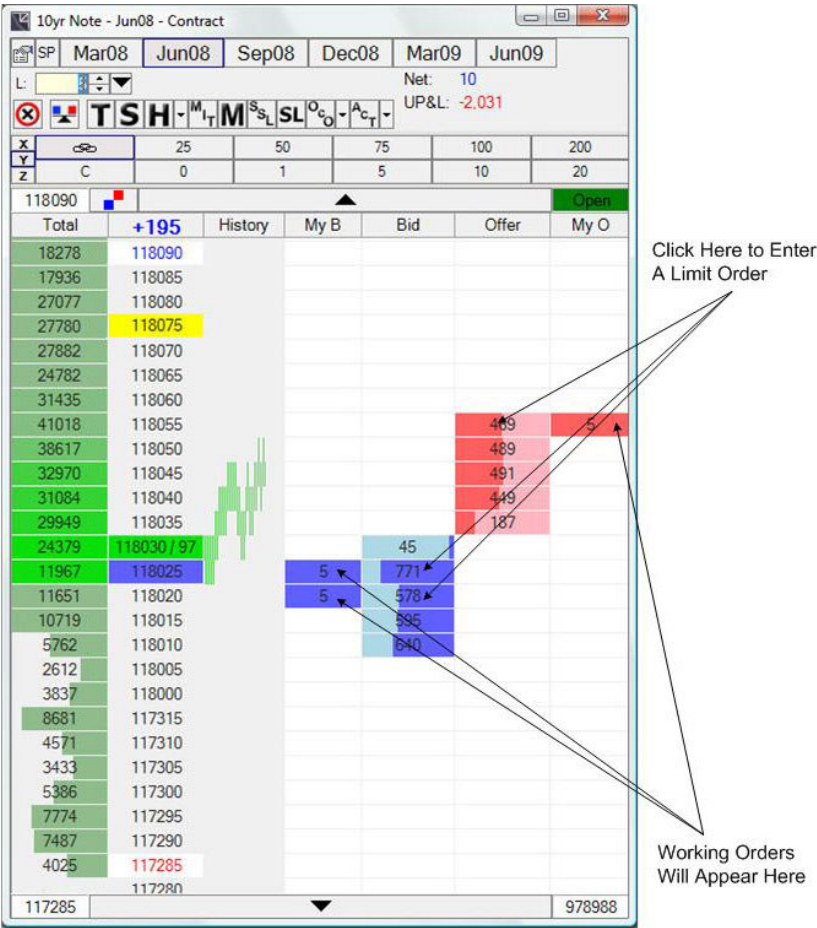
If all you want to do is watch a specific market then you can set it to View Only mode. This is useful in two ways. Unnecessary information is hidden decreasing the amount of screen space taken up, and accidental order submission is prevented. You can set the Contract window to View Only mode in the [Contract Properties](#), Trading tab, under Contract Mode.

- Reduces the amount of screen space needed to view the depth of market.
- Helps to prevent accidental order submission.

## Trading

Limit, Stop Market, and Trailing orders can be submitted and pulled directly from the Contract window. An [Order Ticket](#) has to be used for order volume revisions and to pull one of many working orders at the same price.

# Limit Orders



Limit orders are working in the market as soon as they are submitted. If a limit order trades it will be filled at the limit price or better.

Set a volume greater than zero.

## Buy

**Left Click** in the **Bid** column at the desired price. You will be filled at the desired price or better. If you click on an existing bid volume then you will join the market at that price, if you click on a bid row above the current best offer price then your order should be filled straightaway at the best available price.

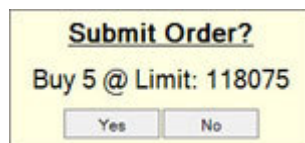
## Sell

**Left Click** in the **Offer** column at the desired price. You will be filled at the desired price or better. If you click on an existing offer volume then you will join

---

the market at that price, if you click on an offer row below the current best bid price then your order should be filled straightaway at the best available price.

---



Click **Yes** on the confirmation window to submit the trade. Click **No** if you don't want to submit the trade.

---

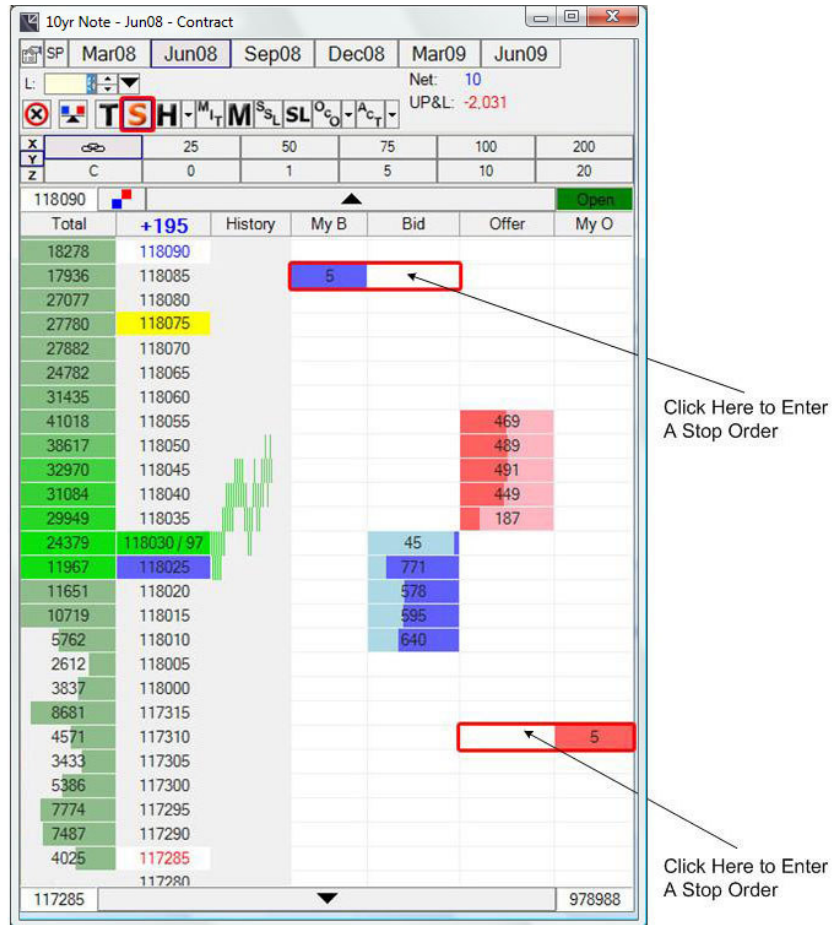
### **Right Click**

**Right** Clicking in the Bid or Offer columns does the same as left clicking except that it will use the Right click volume for the order instead of the Left click volume. If the Right click volume is set as 'Net' then it will use your current position as the volume.

See [Setting Volumes](#) for more information on Left and Right click volumes.

---

## **Stop Market Orders**



Stop orders are submitted on the opposite side of the market than normal Limit orders. A buy stop order is submitted at a price higher than the current best bid but does not fill until that price trades. A sell stop order is submitted at a price lower than the current best offer price.

Note that if the market is moving rapidly you may get filled at a worse price than the one you entered. If you want to prevent this by setting a limit price for the stop then you can do so with the [Order Ticket](#).

Stops are useful as loss limits as you can use them to close out a position automatically if the market goes against you.

1. Set a volume greater than zero.
2. Set the Stop order toggle.

#### Buy Stop

Left Click in the **Bid** column above the current market.

#### Sell Stop

Left Click in the **Offer** column below the current market.

**Submit Order?**

Buy 5 @ StopMarket: 118145

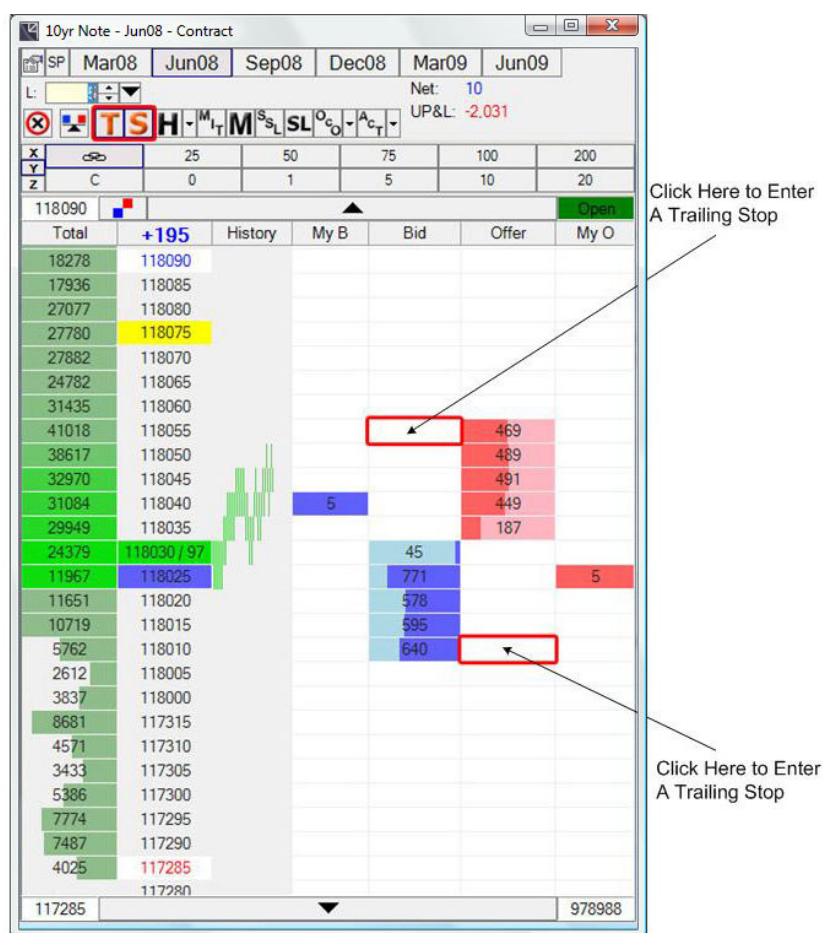
Click **Yes** on the confirmation window to submit the trade. Click **No** if you don't want to submit the trade.

### Right Click

**Right** Clicking in the Bid or Offer columns does the same as left clicking except that it will use the Right click volume for the order instead of the Left click volume. If the Right click volume is set as 'Net' then it will use your current position as the volume.

See [Setting Volumes](#) for more information on Left and Right click volumes.

## Trailing Stop Orders





Trailing orders automatically track the market best bid or offer price. As the market moves away from the order it will be revised to keep it the same distance from the best bid or offer, if the market moves back towards the order then the order will not be revised.

Note that revisions will only occur every 10 seconds, but it will revise the order to track the biggest movement in the market during that 10 second period.

Trailing stops are useful for when you are not watching a market as they provide a loss limit if the market goes against you, but will track a market that goes with you then taking a profit (or reduced loss) if the market later turn against you once more.

- 
1. Set a volume greater than zero.
  2. Set the Stop order toggle.
  3. Set the Trailing order toggle.
- 

#### Buy Trailing Stop

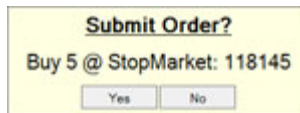
**Left** Click in the **My Bid** column **above** the current market. The order will **revise** to **lower** prices if the market moves down. If the market moves up the order will stay at the current trigger price.

---

#### Sell Trailing Stop

**Left** Click in the **My Offer** column **below** the current market. The order will **revise** to **higher** prices if the market moves up. If the market moves down the order will stay at the current trigger price.

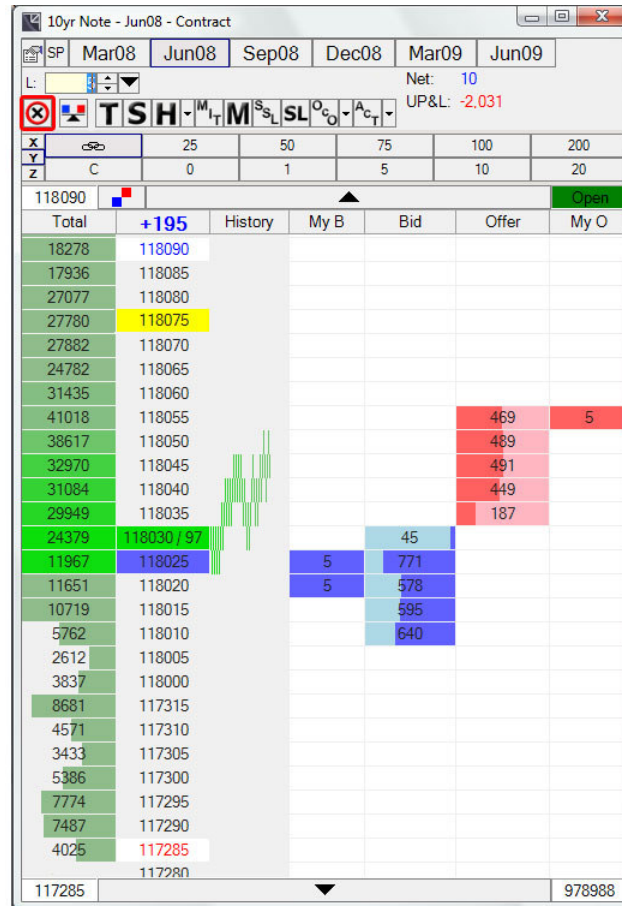
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Click **Yes** on the confirmation window to submit the trade. Click **No** if you don't want to submit the trade.

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## Pulling All Orders



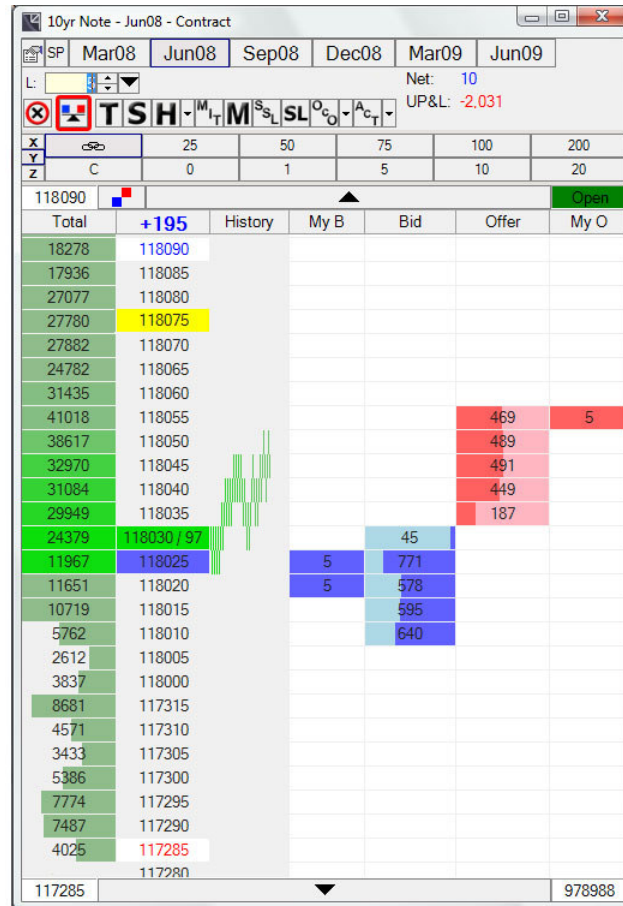
The Pull All button is used to remove all the working orders in the displayed market for the current trading account. Once removed from the market an order can no longer be filled.



**Pulls all** working orders for the current market, for the [Currently Trading Account](#).

## Pulling All Orders at a Price

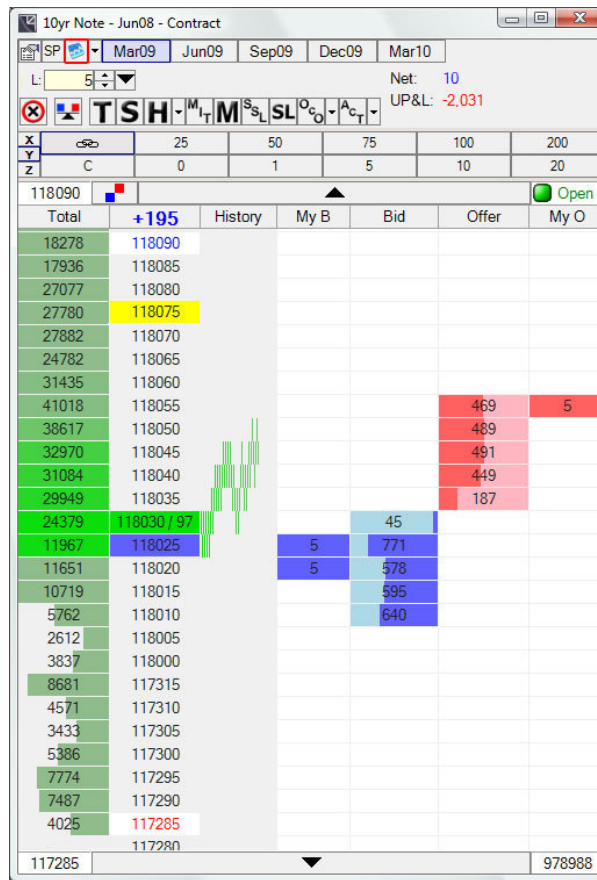




Flatten your current position by clicking the Flatten Position button. A market order will be submitted on the opposite side of your position with a volume up to your Max Clip Size. In cases where your net position is greater than your max clip size it may take multiple attempts to completely flatten your position.

The flatten button must be turned on in the Main properties, contract tab, under the order toolbar section.

## New Screen Dropdown Button



You can create different windows directly from the contract window. Click the dropdown button to choose from a second contract window, a new chart, a market history window, or an account contract window.



Drop Down Arrow

Click the drop down arrow to choose a window



Contract Window

Select Contract to pull up a another instance of the contract window



Chart Window

Select Chart to pull up a new chart window for the current contract



Market History Window

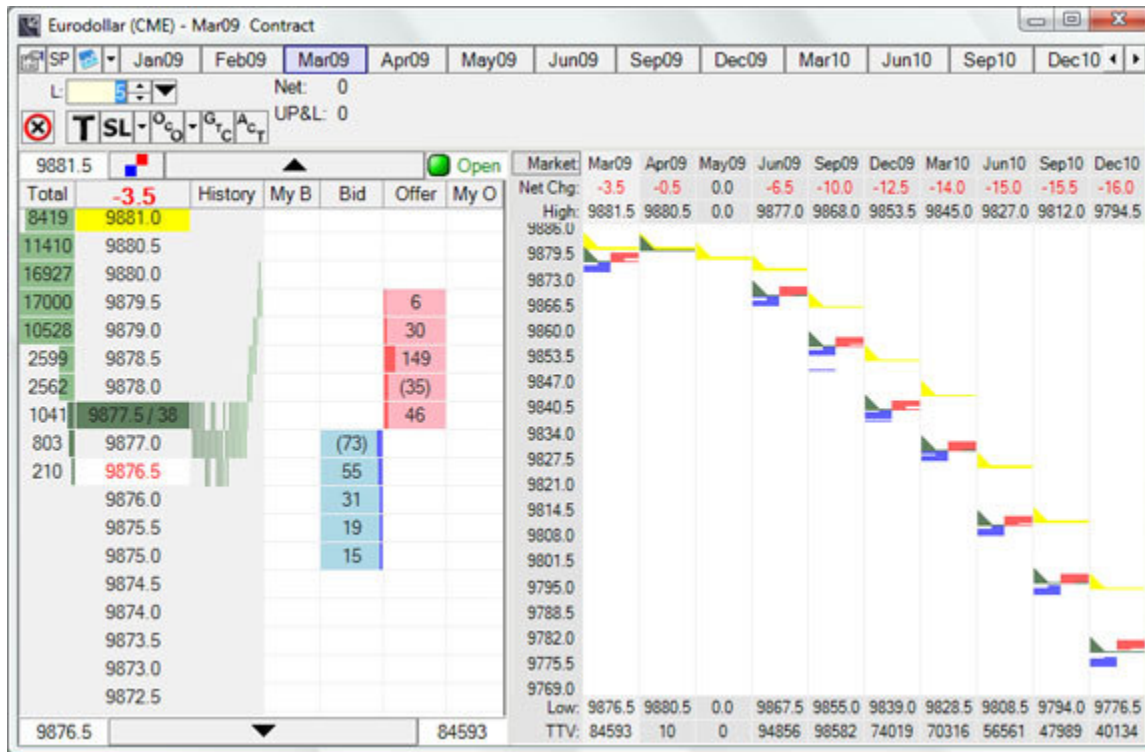
Select Market History to pull up a new Market History window for the current contract



Account Contract

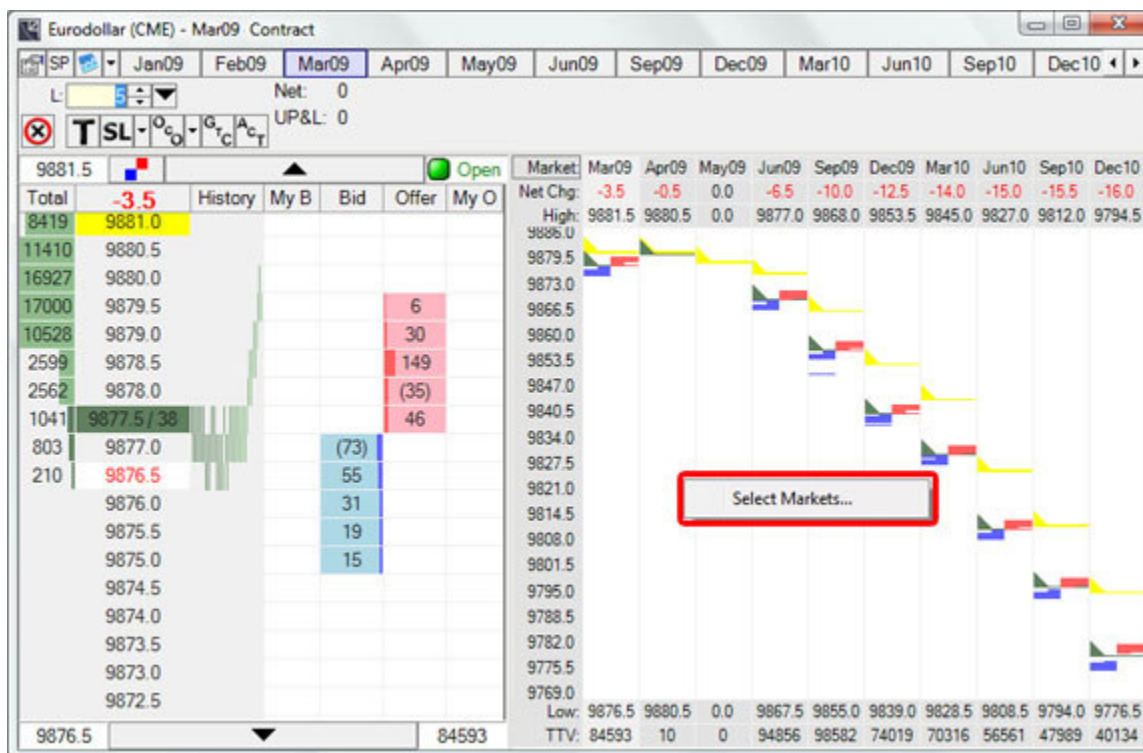
Select Account Contract to pull up a new Account Contract window for the current contract

## Mini-Market Screen

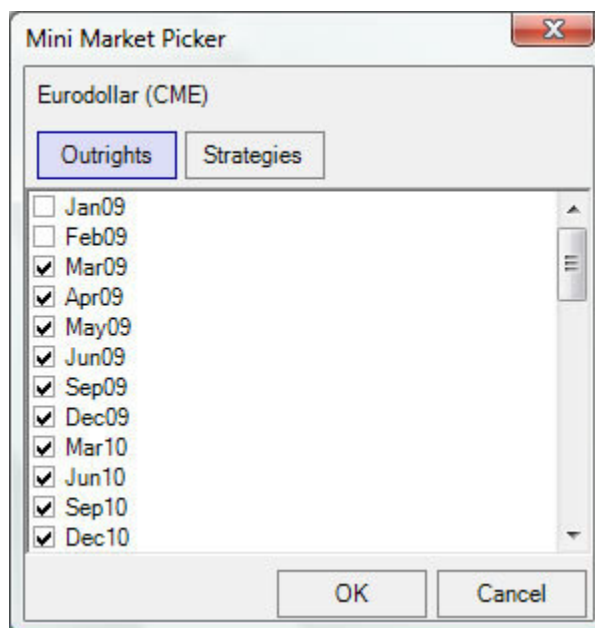


The T4 Desktop Mini Market screen can be added from the contract properties window by enabling the mini-market property.

This displays multiple months for the same contract next to each other on a compact, shared price scale that allows an overview of those markets and how they are trading in relation to each other. It also allows 2 click order submission as clicking on the mini-market will zoom the main contract display to that market and price that you clicked on, and then you can click on that to submit your order as per normal. You can select the markets that are displayed by clicking the 'Market' button above the price scale.



To select which outrights and strategies you want for the mini-market screen, right click on the screen and click on the select markets option or left click on the word “Market” next to the market mode.. Both options bring up a mini-market picker.



Select the months you wish to see. Click the OK button. If you wish to view strategies, select the strategies button and select which strategies you want to see. You cannot view both outrights and strategies on the same mini-market screen.

## Order Ticket Trading

The [Order Ticket](#) allows for a greater amount of control over your orders. You can submit batches of orders at the same time, pull and revise individual orders, and submit additional order types. The OCO toggle allows you to connect two orders and submit them as Order Cancel Order's. This means that if one of the orders is pulled or trades the other is automatically pulled.

### I. Submitting Orders

10yr Note - Jun08 - Contract

SPMar08Jun08Sep08Dec08Mar09Jun09

L:

Net: 10

✖

T

S

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M

S

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O

A

C

T

UP&L: -2.031

X

Y

Z

C

0

1

5

10

20

118090

Open

Total

+195

History

My B

Bid

Offer

My O

18278118090

17936118085

27077118080

27780118075

27882118070

24782118065

31435118060

41018118055

38617118050

32970118045

31084118040

29949118035

24379118030 / 97

11967118025

11651118020

10719118015

5762118010

2612118005

3837118000

8681117315

4571117310

3433117305

5386117300

7774117295

7487117290

4025117285

117280

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491

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187

5

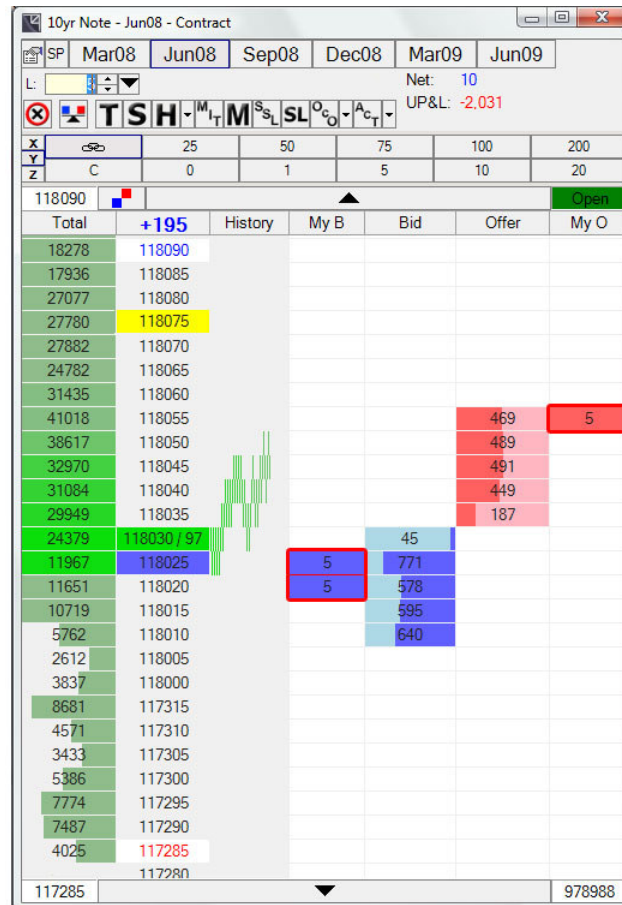
978988

To submit new orders using the Order Ticket simply right click on the My Bid or My Offer column. An Order Ticket will be displayed containing the details of the order such as the account, market, price, volume, and order type. You can then change the details of the order before submitting it. If you right click on a My Bid or My Offer multiple times then multiple orders will be added to the ticket allowing you to submit orders in batches, or to submit an OCO.



See [Order Ticket](#) for more information on setting the order details.

## II. *Revising Orders*



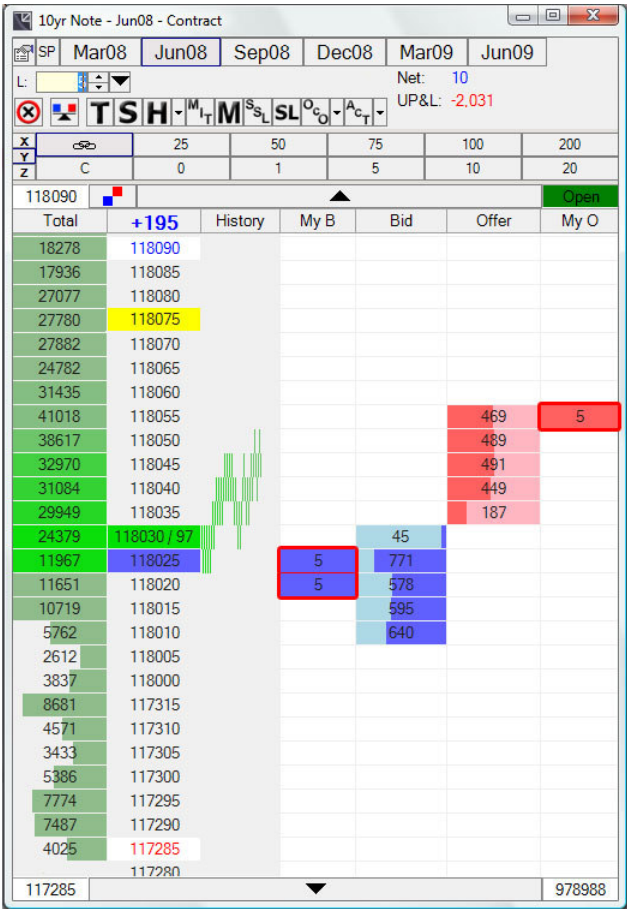
If you want to revise an order then you can do so using the [Revision Ticket](#). Right click on the order that you want to revise in the My Bid or My Offer column and the Revision Ticket will be displayed with the order details in it. If you have several working orders at the same price then the details for all of them will be displayed.

To revise the order simply change the price and volume as needed then click the Revise button.

Note that if you wish to retain your order time priority, or queue position, at the exchange then you can only revise the volume of the order down. If you increase the volume of the order, or change the price then you will lose your queue position.

See [Revision Ticket](#) for more information on revising order details.

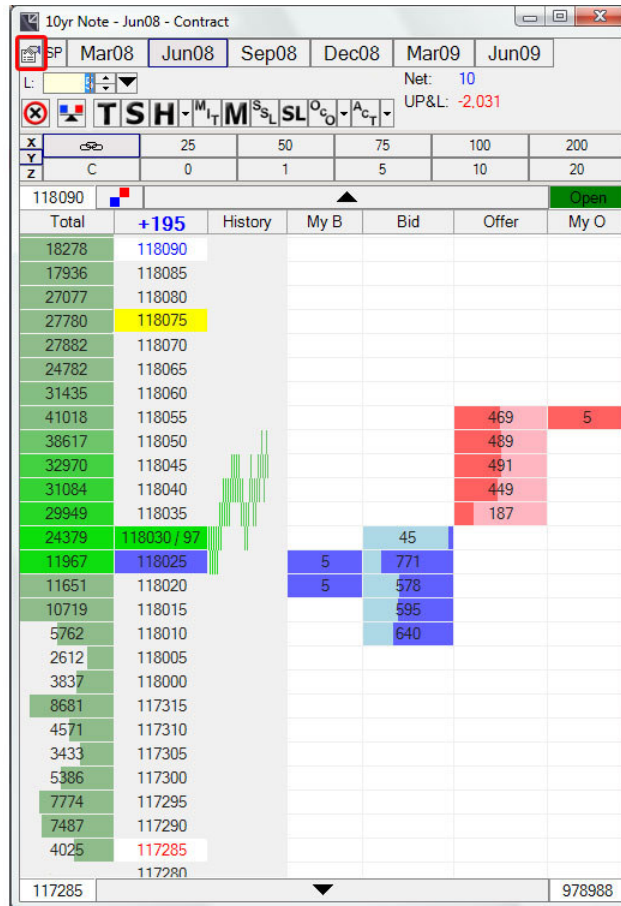
## Pull Individual Orders



If you want to pull an order then you can do so with the [Revision Ticket](#). This is especially useful if you have multiple orders working at the same price and only want to pull one of them. Right click on the order that you want to pull in the My Bid or My Offer column and the Revision Ticket will be displayed with the order details in it. If you have several working orders at the same price then the details for all of them will be displayed.

To pull the order simply click the Pull All button on the [Revision Ticket](#) or select the individual order and click the Pull button.

## Contract Properties



Some Contract properties can be configured in the [Contract Tab](#) in the Main Properties window. Contract properties allow you to configure how the Contract window is displayed. They only affect the current Contract window and may override global settings configured in the [Contract Tab](#) in the Main Properties.



Click the Properties button in the upper left corner of the Contract Window to open the Contract Properties.

## I. Trading Tab

Trading	Display	Accounts	Ticket	◀	▶
Contract Mode:	Trading Enabled		1		
Contract Ticket:	Disabled		2		
Volume Bar:	Hidden		3		
Right Click Vol:	Hidden	Net	4		
Order Load Bar:	Hidden		5		
Order Tag:			6		
Mini Market:	Disabled		7		
Max Show:	Hidden		8		

The Trading Tab properties only effect trading behavior of the Contract.

#### 1 Contract Mode

Switches the Contract window between trading and [view only](#) mode.

**Trading Enabled**

Allows order submission and displays working orders, position and P&L information.

**View Only**

- Does not allow order submission and reduces the amount of screen space used by the window.

#### 2 Contract Ticket

Hides or displays the [Contract Ticket](#).

#### 3 Volume Bar

Hides or displays the Volume Bar

#### 4 Right Click Vol

Enables right click trading.

**Vol**

The Right Click Volume Picker will behave just like the Left Click Volume Picker.

**Net**

Right click submission will result in an order being submitted for a volume equal to your current net position in the market. It is a useful feature for the ability to enter positions with a left click and exit positions with a right click.


#### 5 Order Load

Hides or displays the Order Load Bar. The Order Load Bar submits orders a specified number of

<b>Bar</b>	ticks off the market. Right and left click volumes are supported.
<b>6 Order Tag</b>	A user specified string that gets passed with the order
<b>7 Mini Market</b>	Adds the Mini Market screen to the contract window

## II. Display Tab

The Display Tab contains properties that affect the display of information in a Contract window.

<b>1 Name</b>	Changes the name of the contract on the contract window
	Resets the contract name to the original name.

<b>3 Grid Font</b>	Settings for the grid font
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Increase or decrease the grid font size. This font size overrides the default. Changes to the default grid font size in the Main Properties Window's [Main Tab](#) will now update this Contract window.



Reset the grid font size to the default grid font. Changes to the default grid font size in the Main Properties Window's [Main Tab](#) will now update this Contract window.



Auto-size the grid columns to the widest item in the column.

#### 4 Middle Font

Settings for the middle font



Increase or decrease the font size of the middle column. This font size overrides the default. Changes to the default grid font size in the Main Properties Window's [Main Tab](#) will not update this Contract window.



Reset the middle font size to the default font. Changes to the default grid font size in the Main Properties Window's [Main Tab](#) will now update this Contract window.

#### 5 Auto-Track

The Contract window is able to automatically track the market.

*Smooth* The market scrolls up and down to constantly center itself.

*Centered* Stays centered on the current market best bid.

#### 6 Mouse Follow

Ensures that the mouse remains in the row that contains a specific price. If this is enabled then resting the mouse pointer over a bid or offer price will cause the system to automatically move the mouse pointer when the market moves so that the mouse remains over the same price row. Having the mouse remain over the same price row lowers the risk of submitting an order at the incorrect price.

#### 7 Fade Time

The time taken in minutes for the Total column to fade from the Trade color to Trade Background color. The fading colors provide a sense of where the market has been and when.

If fading isn't desired then set the value to zero.

#### 8 Prop Scale

The depth color bars in the Bid and Offer columns are scaled using this value. This provides a visual indication of the relative volume available in the market at different prices. Adjust this value to provide a meaningful ratio or bar width. The Bid and Offer colors will appear as a bar against their corresponding Background colors.

If depth color bars aren't desired then set the scale to zero.

#### 9 Total Trade Volume by Price

If enabled the Total Trade Volume by Price column displays the total volume traded at each price for the current trading day.

#### 10 Trade History

If enabled the Trade History column provides a graphical display of trades as they occur in the market. Each trade will be plotted horizontally to the left or right (configurable) of the previous trade, and vertically at the price traded.

#### 11 Max History

The total number of trades to display in the History column. The maximum value allowed is 100.

### III. Accounts Tab

Trading | Display | **Accounts** | Ticket | ◀ ▶

Net Position:  ①

Format:  ▼

P&L:  ②

Unrealized P&L:  ③

Realized P&L:  ④

Total Buys:  ⑤

Total Sells:  ⑥

Alt Account:  ⑦

The Accounts Tab enables you to hide or show additional Account Position details.

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Hide or display various account position details on the Contract window. Account position details correspond to the market and [Currently Trading Account](#). The fields are listed in the order in which they are enabled.

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**① Net  
Position/Format**

The market net position. You can choose to either display or remove the net position from the contract window. Three formats can be chosen to reduce screen space.

- Net
  - Net (Buys – Sells)
  - (Buys – Sells) Net
- 

**② P&L**

Profit and loss. P&L factors in unrealized and realized profit and loss.

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**③ Unrealized  
P&L**

Unrealized profit and loss.

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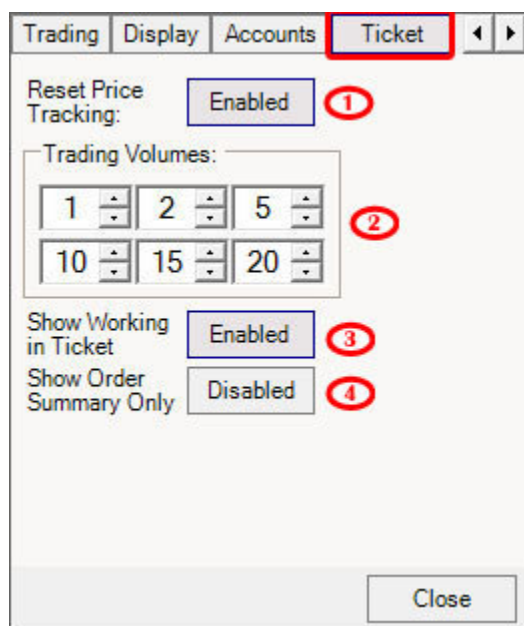
**④ Realized  
P&L**

Realized profit and loss.

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<b>5</b>	<b>Total Buys</b>	The total number of contracts bought.
<b>6</b>	<b>Total Sells</b>	The total number of contracts sold.
<b>7</b>	<b>Alt Account</b>	The user can select an account different to the one selected on the main application window.

#### IV. Ticket Tab



The Ticket Tab contains properties that affect the Contract Ticket if it is enabled.

<b>1</b>	<b>Reset Price Tracking</b>	After an order is submitted the Contract Ticket will begin to automatically track the best bid and best offer.
<b>2</b>	<b>Trading Volumes</b>	Adjust the Contract Ticket volume buttons by clicking their up and down arrow buttons.
<b>3</b>	<b>Show Working in Ticket</b>	Displays your working orders in the Contract Ticket.
<b>4</b>	<b>Show Order Summary Only</b>	Working orders displayed in the Contract Ticket can be displayed individually or as a summary aggregated by price.



# Order Ticket

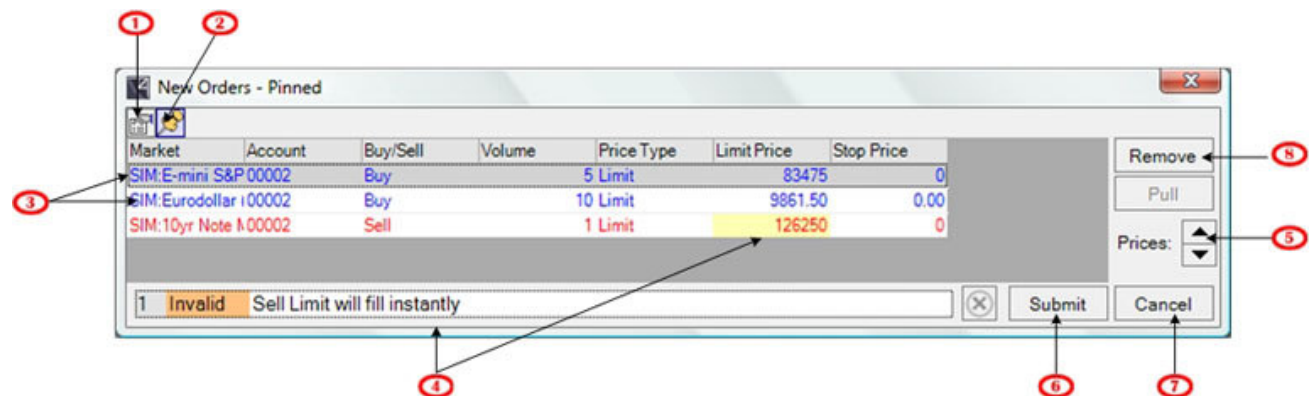
The Order Ticket is used to submit, revise, or pull orders. The most common columns are visible by default. Each order listed will have a Market, Account, Buy/Sell, Volume, Price Type, Limit Price, and Stop Price. Buy orders are displayed in blue and sell orders are displayed in red. The price type field determines whether the order is a Market, Limit, Stop, or Stop Limit. Many additional [Columns](#) are available in [Order Ticket Properties](#), Columns tab.

The Order Ticket can act upon one or multiple orders at the same time. Be sure to eliminate any orders you don't want to submit, revise, or pull by selecting the order and clicking remove.

You can open an Order Ticket from a Contract, Quote Board, or Order Book window.

## New Order Ticket

The New Order Ticket is used for submitting one or more new orders to the market. Some exchanges support batch order submission which results in faster order execution for multiple orders. You can change the parameters of the order before submitting it by clicking on the value and either selecting or entering the correct value. To change the account or market the order must be removed and re-added. Once the orders are the way you want them then click **Submit** to submit the orders.



①		Properties	Click here to change the properties for the order ticket.
②		Pin icon	Pinning an order ticket keeps all those orders separate from new orders. Allow for easy tracking of a group of orders.
③		Orders Awaiting Submission	List of orders that will be submitted to the market
④		Message Box	Displays relevant order validation information.
⑤		Price Arrows	Changes the limit price of all orders in the order ticket

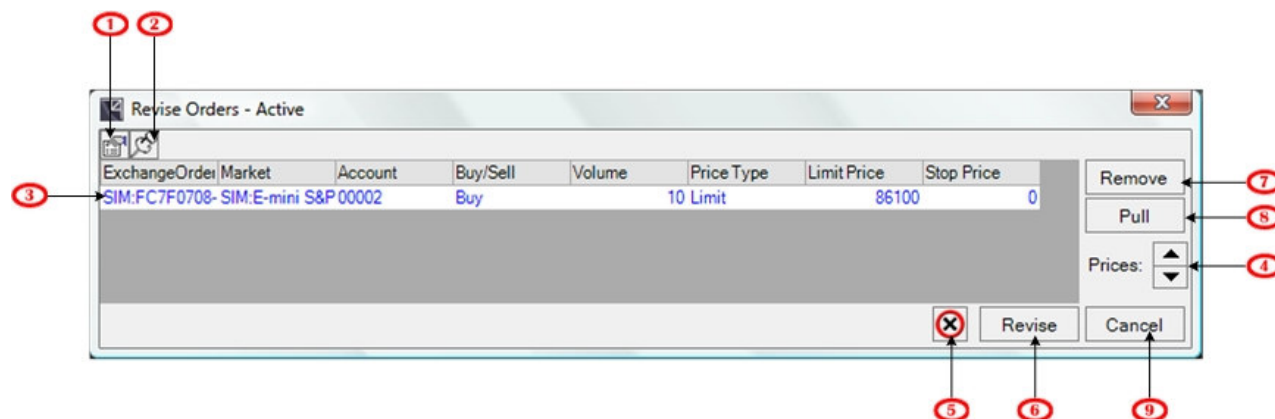
<b>6</b>		Submit Orders	Submits all the listed orders to the market.
<b>7</b>		Cancel Order Ticket	Closes the order ticket window
<b>8</b>		Remove Highlighted Orders	Removes any highlighted orders from the grid. Remove <b>Does Not Pull</b> the order.

## Revisions/Pulls

Revisions and pulls are performed by the same order ticket.

If revising orders then change the parameters, such as price or volume, by clicking on the value and either selecting or entering the correct value. Depending on the order type not all parameters can be changed, for example orders cannot be changed from Buys to Sells, or change from a Stop to a Limit order. In these cases you would need to pull the order and submit a new one. Once the parameters of the orders are the way you want them then click **Revise** to submit the changes.

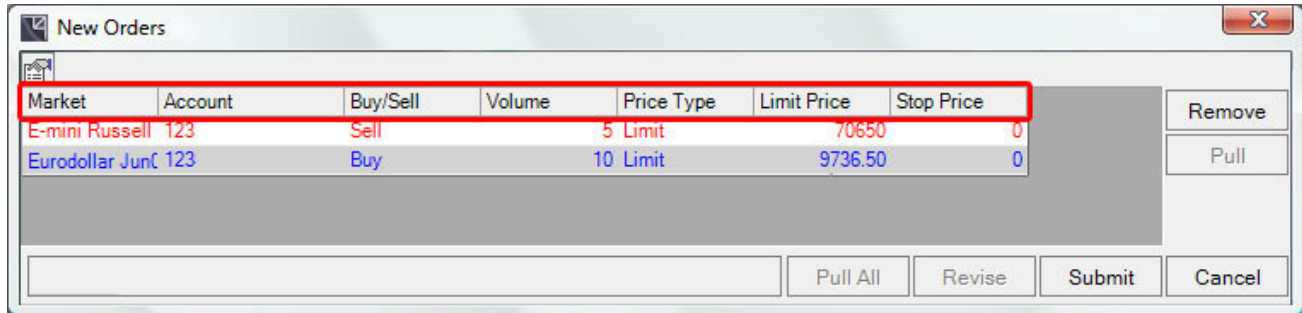
Two options are available for pulling orders. If only one order is displayed, or you want to pull all the displayed orders then you can click the **Pull All** button. If multiple orders are displayed and you only want to pull some of them then you can either select the order and click the **Pull** button, or you can remove the orders you don't want to pull by selecting them and clicking the **Remove** button and then click **Pull All** to pull the rest.



<b>1</b>		Properties	Click here to change the properties for the order ticket.
<b>2</b>		Pin icon	Pinning an order ticket keeps all those orders separate from new orders. Allow for easy tracking of a group of orders.
<b>3</b>		Orders to be Revised or Pulled	List of orders that will either be revised or pulled.
<b>4</b>		Price Arrows	Change the limit price for all orders in the order ticket.
<b>5</b>		Pull All Orders	Pull All orders listed in the grid, out of the market
<b>6</b>		Revise Orders	Submit any revisions you have made to the listed orders.
<b>7</b>		Remove Highlighted	Removes any highlighted orders from the grid. Remove <b>Does Not Pull</b> the order, but only removes it from the ticket. Order is

		Orders	still working in the market.
<b>8</b>	<input type="button" value="Pull"/>	Pull Order	Pulls any highlighted (selected) orders out of the market.
<b>9</b>	<input type="button" value="Cancel"/>	Cancel Order Ticket	Closes the order ticket window

## Columns



By default the most common columns are visible in the Order Ticket. Many more columns are available and can be added in the [Order Ticket Properties](#), Columns tab.

### Default Columns

<b>Market</b>	The market for the order.
<b>Account</b>	Name of the account for the order.
<b>Buy/Sell</b>	Whether or the order is a buy or a sell.
<b>Volume</b>	The size of the order.
<b>Price Type</b>	The type of order being submitted.
<i>Limit</i>	The order must be filled at the designated price or better.
<i>Market</i>	The order will fill at the best market price available.
<i>Overnight Position</i>	If overnight position rollovers are enabled then orders that exist due to overnight positions will have this designation.
<i>Pit</i>	Pit trades are for bookkeeping purposes only. If you trade in the pit and electronically you can book your pit trades through the front-end. They are reflected in P&L but aren't submitted to an exchange.

<i>Stop Limit</i>	A stop order can have a limit price so that when it is triggered it is submitted as a limit order.
<i>Stop Market</i>	If a stop order doesn't have a limit price associated with it then it will be submitted as a market order when it is triggered.
<i>Stop Same Limit</i>	A stop order where the stop price and limit price are the same.
<i>Market If Touched</i>	Behaves like a limit order with except that when it trades it turns into a market order. This means that some of the fills can be at a worse price then what was entered.
<i>Hit</i>	Hit the market. Submit a limit order at the best price of the opposite side of the market in an attempt to fill instantly.
<i>Join</i>	Join the market. Submit a limit order at the best price of the same side of the market.
<i>Limit Price</i>	The limit price of the order. If the order is a market order then limit price will be zero.
<i>Stop Price</i>	The trigger price of a stop order. A stop order becomes a market or limit order when the market trades through the stop trigger price.

#### Other Columns

<i>Activation</i>	Ability to create activation orders from the order ticket
<i>Max Show</i>	Creates icebergs from the order ticket
<i>Open/Close</i>	Whether this order is opening or closing interest in the market.
<i>Order Link</i>	Indicates that this order is part of another order, either an OCO, or AutoOCO.
<i>Time Type</i>	Defines the lifetime of the order.
<i>Complete Volume</i>	The order will either be completely filled immediately following submission or it will be cancelled by the exchange.
<i>Immediate And Cancel</i>	As much of the order volume is filled immediately and the balance of the order is canceled.

### *Market On Open*

These orders can only be submitted during pre-open and will either be filled at the exchange determined opening price, or will be converted to a limit order at that opening price.

### *Normal*

Default. The order is left working until it either fills, is cancelled or the trading day ends.

### *Trailing Ticks*



If the order is a trailing order this will be the number of ticks (minimum price movements) at which the order is trailing the current market.

## Column Layout

The Order Ticket's [column layout](#) is fully customizable. Drag the column header to move, drag the column header side border to resize, and click the column header to resort.

## Advanced Order Ticket



	Pinning an order ticket keeps all those orders separate from new orders. Allow for easy tracking of a group of orders.
	Change the limit price of the order that will be revised.

## Price Protection

The price protection feature can be turned on the main properties window. This feature displays messages that indicates if the order will be filled instantly. It grays out those orders that will be filled instantly.

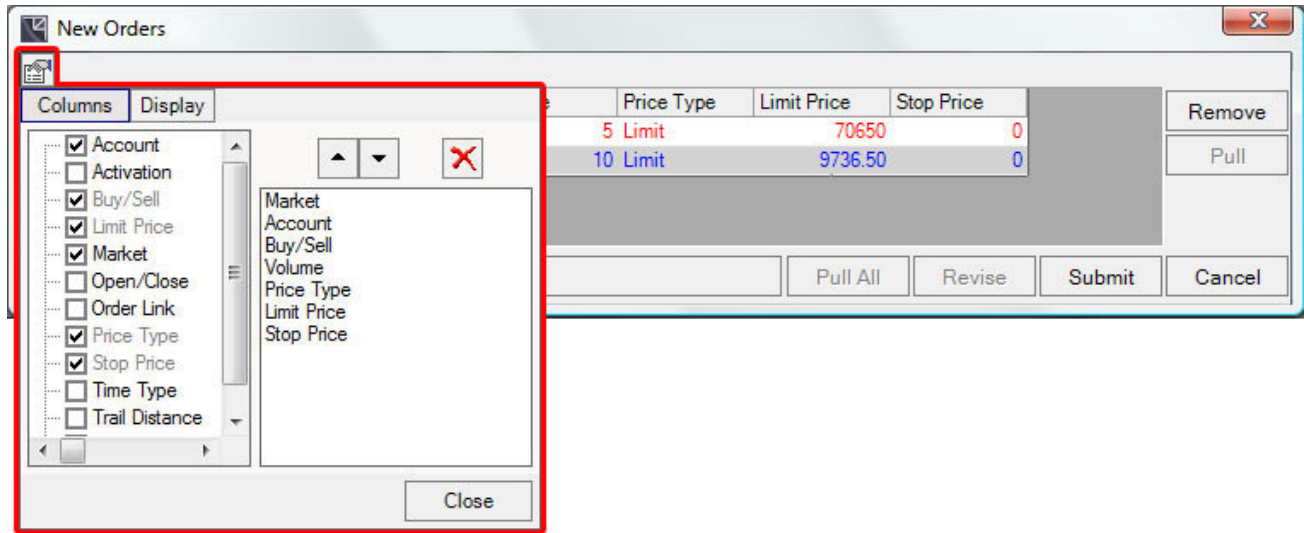
## Submit Valid Orders

The submit valid orders feature can be turned on the main properties window. Orders that would be filled instantly are not entered into the market.

## Track Revisions

The track revisions feature can be turned on the main properties window. This feature allows users to follow updates for the order.

## Order Ticket Properties

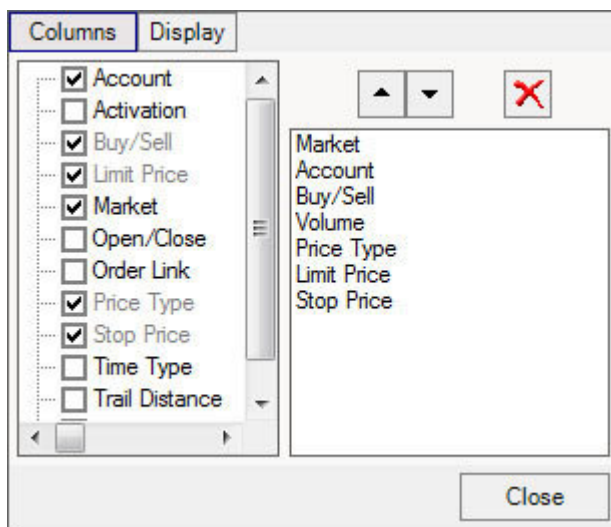




The Order Ticket property pages are used to further customize how information is displayed. Columns can be added, removed, and reordered. The view's font can also be increased or decreased.



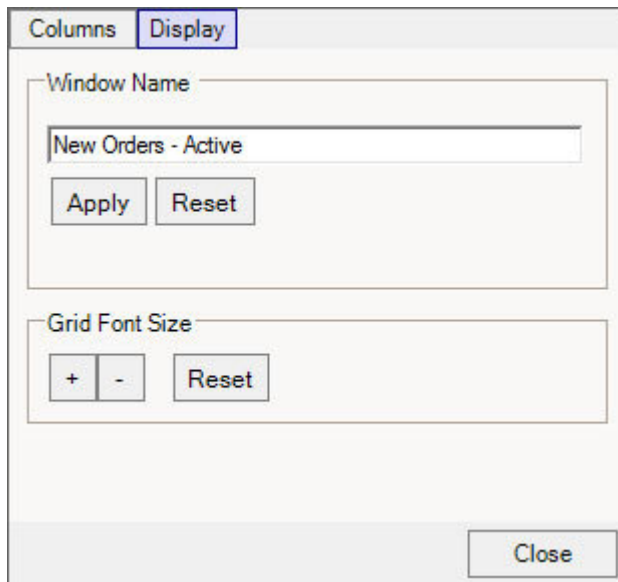
Click the Properties button in the upper left corner of the Order Ticket to open the Order Ticket Properties.

## I. Columns Tab





<input checked="" type="checkbox"/>	Add or remove columns from the view by checking their corresponding boxes in the left pane.
	Shift a selected column in the column order by clicking the up or down arrow.
	Remove a selected column from the view.

## II. *Display Tab*



The display tab is used to override the default grid font. You are able to set a custom font size for the Order Ticket.

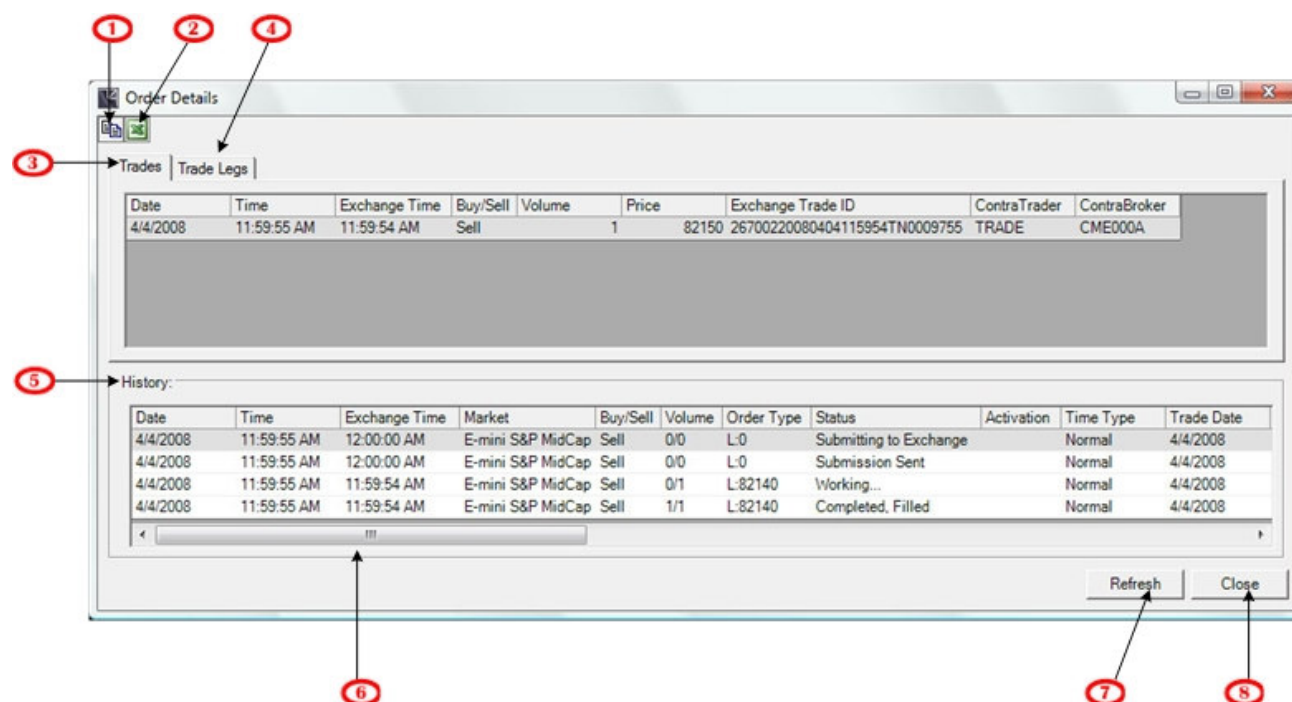
Window Name	Change the name of the order ticket window, or reset it to the default name.
	Increase or decrease the grid font size.
	Reset the grid font to the system default.




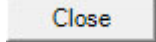
# Order Details

The Order Details window has multiple panes for displaying a detailed history of your order. If multiple orders are selected then one Order Details window will be opened for each order. All available order detail is displayed. The columns will be the same as what are available for an Order Book. For a description of the columns see the [Order Book Columns](#) section. The detail displayed is just a snap shot at the time the window is open. You may need to refresh the information to be sure it reflects the latest state of your order.

Create by using the **Order Details** option of the [Order Book Menu](#).



1		Copy to Clipboard	Copy data into the clipboard in order to paste it into any other document
2		Excel Button	Save trade details to an excel spreadsheet
3	Trades	Trade History	Lists any fill details for the order. Since an order can be filled at multiple prices you can review the volumes and prices of each individual fill.
4	Trade Legs	Trade Legs	Lists any leg fill details for the order. This only applies to strategy orders where the exchange provides fill details for the individual legs of the strategy. For example a March-June spread would provide trade information for the strategy itself, plus it may provide the trade information for the individual March and June legs.
5	History:	Order History	Displays the history of the order, from submission to completion, including details of any revisions, fills and pulls.
6		Scroll Bar	Move scroll bar to view additional trade details
7		Refresh Trade Information	The Order Detail window does not update dynamically so if the order has changed since the window was opened then you

			need to click Refresh to see the most recent details.
		Close Window	Closes the Order Detail window

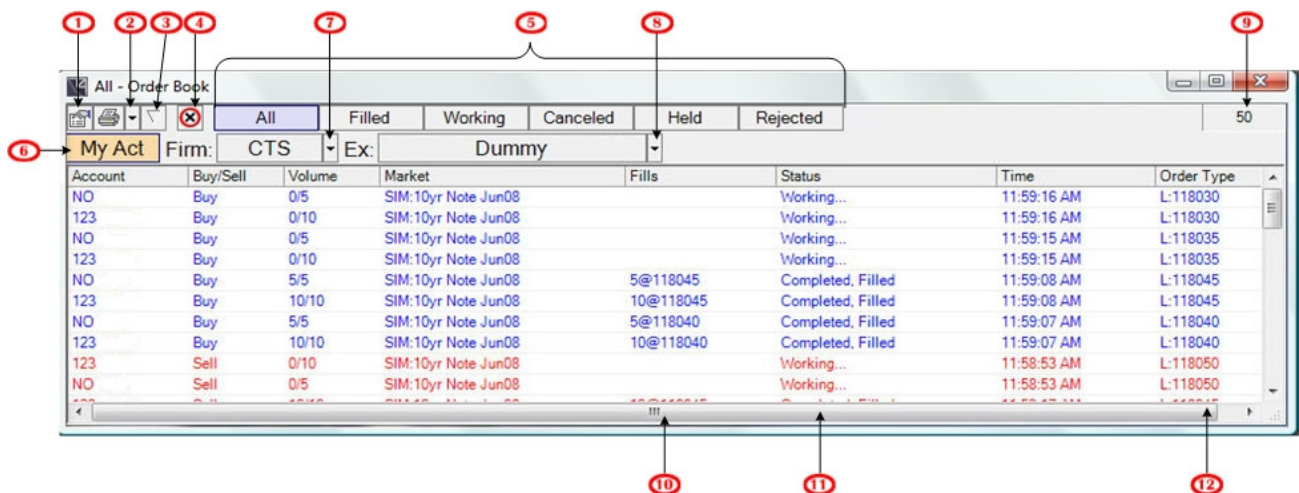
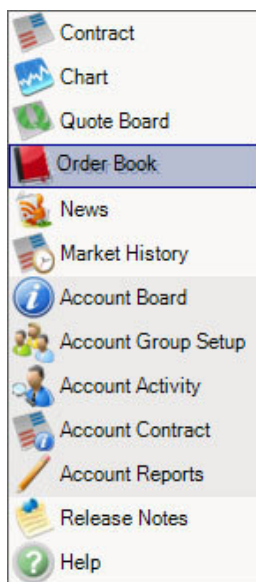
# Order Book






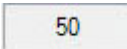






The Order Book displays all the orders for all the accounts that you have access to for the current trading day. The most common columns are visible by default. Each order listed will have a submission time, market description, buy/sell volume, price, order type, and status. Buy orders are displayed in blue, sell orders in red. A list of fills will exist if the order has been partially or completely filled. Order status provides you with important information regarding the current state of your order. Many additional [Columns](#) are available in [Order Book Properties](#), Columns Tab.

Filtered views of your orders are provided by the [View Tabs](#) at the top of the screen. Simply click the view you desire and Order Book will display the appropriate orders. The default, All view, is an unfiltered view showing you all orders placed during the current trading day. The Working view displays only the working orders. The Filled view shows only orders that are partially or completely filled. Refer to the View Tabs section for a more detailed description of Order Book views.

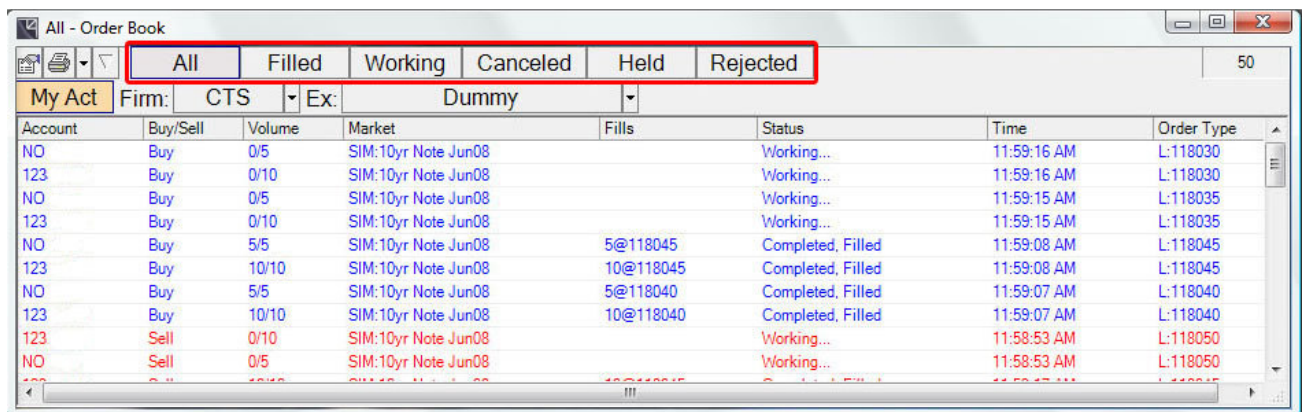
The Order Book also allows you to print the contents of a view, pull or revise orders and retrieve additional Order Details.

To open a new Order Book, Click **Order Book** from the Main window's [New Item Menu](#).



①		Properties	Brings up the properties for the orderbook
②		Options dropdown	Toggle between print, copy to excel, copy to clipboard, and check options
③		Default Sort	Sort descending by order submission time
④		Pull All	Pulls all the orders out of the market
⑤		View Tabs	Change tabs to view different order books
⑥		Total Orders	Total number of orders displayed in the current view
⑦		Account Toggle	Useful for multiple accounts. By clicking the toggle you switch between viewing the orders for just the <a href="#">Currently Trading Account</a> and the orders for all your accounts.
⑧		Filter By Firm	Filter the order book by firm name
⑨		Filter By Exchange	Filter the order book by exchange
⑩		Fills	Indicates fill volume and price. All prices are shown if multiple prices trade
⑪		Order Status	Describes the current status of an order.
⑫		Order Type	Ex: L=Limit, P=Pit, and S=Stop

## View Tabs



The view tabs are used to switch between filtered views of your orders. Simply click the tab for the orders you desire to see. If you want to see multiple views at the same time create a new Order Book and set the additional view.

All	Filled	Working	Canceled	Held	Rejected
-----	--------	---------	----------	------	----------

<b>All</b>	All orders. This is an unfiltered view.
<b>Filled</b>	Orders that have been partially or completely filled.
<b>Working</b>	Orders currently working in the market. Working orders are orders that have not been completely filled or canceled. At least some of their volume is still waiting to trade.
<b>Canceled</b>	Orders that have been canceled by you or the exchange. These orders are completed and no longer working.
<b>Held</b>	Held Orders are orders being held on T4 servers awaiting submission to the Exchange. For example Activation and Auto OCO orders
<b>Rejected</b>	Orders that have been rejected for one reason or another. Rejection could be due to Risk Management or the Exchange. Read the order Status for more information.

## Columns

Account	Buy/Sell	Volume	Market	Fills	Status	Time	Order Type
NO	Buy	0/5	SIM:10yr Note Jun08		Working...	11:59:16 AM	L:118030
123	Buy	0/10	SIM:10yr Note Jun08		Working...	11:59:16 AM	L:118030
NO	Buy	0/5	SIM:10yr Note Jun08		Working...	11:59:15 AM	L:118035
123	Buy	0/10	SIM:10yr Note Jun08		Working...	11:59:15 AM	L:118035
NO	Buy	5/5	SIM:10yr Note Jun08	5@118045	Completed, Filled	11:59:08 AM	L:118045
123	Buy	10/10	SIM:10yr Note Jun08	10@118045	Completed, Filled	11:59:08 AM	L:118045
NO	Buy	5/5	SIM:10yr Note Jun08	5@118040	Completed, Filled	11:59:07 AM	L:118040
123	Buy	10/10	SIM:10yr Note Jun08	10@118040	Completed, Filled	11:59:07 AM	L:118040
123	Sell	0/10	SIM:10yr Note Jun08		Working...	11:58:53 AM	L:118050
NO	Sell	0/5	SIM:10yr Note Jun08		Working...	11:58:53 AM	L:118050

By default the most common columns are visible in a new Order Book. Many more columns are available and can be added in the [Order Book Properties](#), Columns Tab.

### Default Columns

<b>Submit Time</b>	The T4 Server order submission time.
<b>Market</b>	The market for the order.

<b><i>Buy/Sell</i></b>	Whether the order is a buy or a sell.
<b><i>Volume</i></b>	Displays the number of fills out of the total volume. For example “4 / 25” means that you have filled 4 lots out of a 25 lot order.
<b><i>Order Type</i></b>	A description of the type of order submitted. Many orders will have combinations of the following types. For example a Stop Limit order submitted as part of an OCO will be “S:12345, L:12345, OCO”. The following are a list of some examples of what can appear in the Order Type column.
<i>L: Limit Price</i>	The order will trade at the limit price or better.
<i>S: Stop Trigger Price</i>	The price displayed is the stop order’s trigger price.
<i>SSL: Stop Same Limit</i>	The price displayed is the stop order’s trigger and limit price.
<i>Market</i>	The order will trade at the best available price.
<i>P: Pit Price</i>	Pit Trade. Only available if you have been given permission to trade pit trades.
<i>Overnight Position</i>	If you have Overnight Position Rollover enabled then any positions rolled into a new trading day will have this order type.
<i>OCO</i>	Order Cancels Order. Two orders are linked so that if one trades the other is pulled.
<i>AutoOCO</i>	Auto Order Cancels Order. A trigger order is entered surrounded by an OCO on the opposite side of the market.
<b><i>Fills</i></b>	Orders can be filled at multiple prices. Fill volumes and prices are displayed in a single comma separated list. For example a 5 lot order filled completely at two different prices “3@12345, 2@12346. This tells you that three of the five filled at 12345 and two filled at 12346.
<b><i>Status</i></b>	Status is going to give you the best understanding of what is happening or has happened to your order. A few examples are listed below.
<i>Sent...</i>	The order has been sent to the market.
<i>Working...</i>	The order is working in the market.
<i>Canceled...</i>	The order has been canceled and can no longer be traded against.
<i>Completed, Filled</i>	The order has been filled to completion. A position has been opened or closed.
<i>Rejected, Max Clip Size</i>	Risk management has rejected your order because you attempted

*Exceeded*

to submit an order with a volume larger than you are allowed to submit.

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## Other Columns

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<i>Account</i>	Account number for the order
<i>Account Name</i>	Name of the account for the order.
<i>Contract ID</i>	The exchange symbol for the contract
<i>Exchange ID</i>	The exchange identifier.
<i>Firm</i>	The firm the account is associated with
<i>Limit Price</i>	The limit price of the order. For market orders this will be empty.
<i>Speed</i>	The roundtrip time of your order
<i>Time</i>	T4 Server time of the last change to the order. View changes in the <a href="#">Order Details</a> .
<i>Time Type</i>	Describes any time constraints on the order. Setting Time Types can be done only with the <a href="#">Order Ticket</a> .
<i>Normal</i>	The order will remain working until it is filled, cancelled or the end of the trading day.
<i>Immediate and Cancel</i>	The order will fill what it can immediately and cancel the rest.
<i>Complete Volume</i>	The order will fill its total volume immediately or it will be cancelled.
<i>Market On Open</i>	Market on open orders can only be submitted during pre-open and will either fill at the exchange determined opening price, or be converted to a normal limit order at that opening price.
<i>GTC</i>	Orders work at the exchange through multiple trading days until canceled by the user.
<i>Trade Date</i>	The trade date of the order. This date corresponds with the exchange's trading days. This does not always correspond to the calendar day as different contracts at different exchanges start trading 'tomorrow' at different times 'today'. For example, CME's Mini-Dow contract starts trading for a given trade date at 3:30pm CST the evening before.
<i>User Name</i>	The name of the user that submitted or last changed the order. This is useful when multiple users are setup to trade the same

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accounts.

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### Advanced Columns

<i>Account Code</i>	Whether or not the order is a give-up or not. Clearing details are set by your Administrator.
<i>Account ID</i>	Unique ID for each account
<i>Account Server</i>	The T4 server handling the account
<i>Activation</i>	Indicates if an order was an activation order
<i>App Name</i>	The Application that last entered or modified the order. Useful when 3rd party applications or automated trading tools are being used.
<i>Billing Fee</i>	Indicates membership status for exchange billing
<i>Change</i>	A description of the last change to the order.
<i>Check 1</i>	Using check column to save orders
<i>Check 2</i>	Another option for saving orders
<i>CTI</i>	Customer type indicator. Clearing details are set by your <a href="#">Administrator</a> .
<i>Current Max Show</i>	Displays max show volume for the iceberg order
<i>Current Volume</i>	The current volume of the order.
<i>Customer Reference</i>	Free text field passed to clearing from the exchange. Clearing details are set by your <a href="#">Administrator</a> .
<i>Date</i>	The calendar date when the order was submitted.
<i>Exchange Login ID</i>	An ID set by your Administrator that distinguishes you as a user to the exchange.
<i>Exchange Order ID</i>	The ID assigned to the order by the exchange.
<i>Exchange Order Ref</i>	Displays session ID's, user ID's and order ID's
<i>Exchange Server</i>	The T4 server handling the order
<i>Exchange Time</i>	The exchange time stamp for the order. If this information is unavailable a T4 Server timestamp will be used.



<b><i>Executing Login ID</i></b>	The exchange executing login ID set by your Administrator.
<b><i>Fill Volume</i></b>	The amount of the orders volume that has been filled.
<b><i>Member Allocation</i></b>	Give-up firm. Clearing details are set by your Administrator.
<b><i>New Limit Price</i></b>	The new limit price during a limit price revision.
<b><i>New Max Show</i></b>	If iceberg is revised new show volume is displayed
<b><i>New Stop Price</i></b>	The new stop trigger price during a stop trigger price revision.
<b><i>New Volume</i></b>	The new volume during a volume revision.
<b><i>Omnibus Account</i></b>	Displays omnibus account if utilized
<b><i>Open/Close</i></b>	Whether the order is opening or closing interest in a market.
<b><i>Order Link</i></b>	Displays if the order is linked to another like a OCO or Auto OCO
<b><i>Order Status</i></b>	Current status of order like working, filled or finished
<b><i>Order Linked</i></b>	The T4 order ID of another order to which the current order is linked. For example OCO's are linked to each other so each will list the others T4 unique order ID.
<b><i>Origin</i></b>	Clearing origin of the trade. Clearing details are set by your <a href="#">Administrator</a> .
<b><i>Response Pending</i></b>	Whether or not a submission, revision, or cancellation is in progress for the order.

### ***Price Type***

#### **Limit**

##### **Market**

The order will trade at the specified price or better.

##### **Stop Limit**

A stop order that is submitted with a stop trigger price as well as a limit price. When the order is triggered it will behave as a limit order at the specified limit price.

##### **Stop Market**

A stop order that is submitted with only a stop trigger price. When the order is triggered it will behave as a market order.

##### **Stop Same Limit**

A stop order that is submitted with a stop trigger price and a limit price of the same value. When the order is triggered it will behave as a limit order at the specified limit price.

##### **Market If Touched**

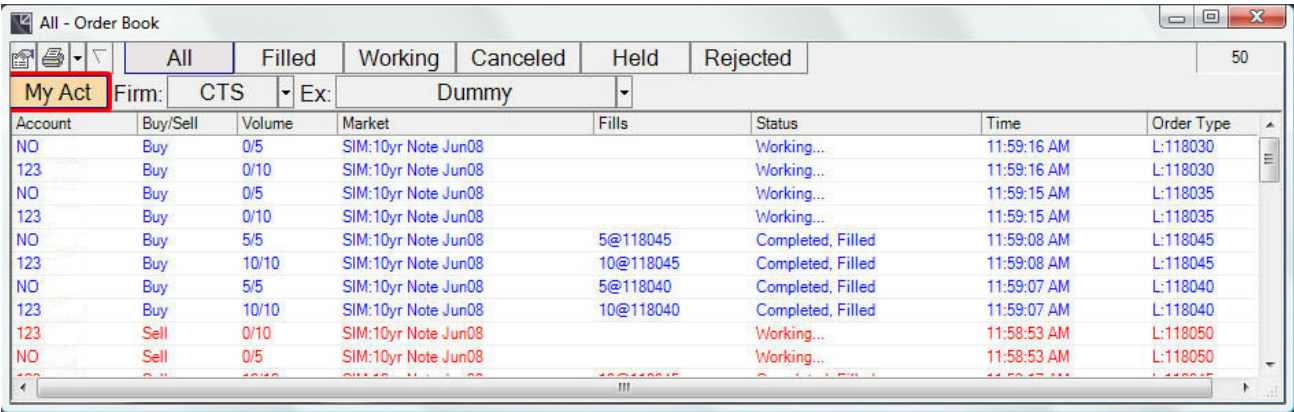
Behaves like a limit order with except that when it trades it turns into a market order. This means that some of the fills can be at a

		worse price then what was entered.
<b>Hit</b>		Hit the market. Submit a limit order at the best price of the opposite side of the market in an attempt to fill instantly.
<b>Join</b>		Join the market. Submit a limit order at the best price of the same side of the market.
<b>Pit</b>		Once triggered the order will fill at the best available price.
<b>Overnight Position</b>		The order is a pit trade and was not submitted to an exchange.
<b>Status Detail</b>	Generally contains error messages from the exchange for the order.	If Overnight Positions have been enabled by your <a href="#">Administrator</a> orders rolled into a new trading day will have this price type.
<b>Stop Price</b>		Trigger price of a stop order.
<b>Tag</b>		Free text field for the order.
<b>Trader Allocation</b>		CME clearing details. Clearing details are set by your <a href="#">Administrator</a> .
<b>Trail Distance</b>		Number of ticks the order is trailing the market
<b>Unique ID</b>		ID associated with the order
<b>User Address</b>		The IP address of the user that submitted or last changed the order.
<b>User Server</b>		The user is connected to this server
<b>Working Volume</b>		The volume that is still working in the market.

## Column Layout

The Order Book's [column layout](#) is fully customizable. Drag the column header to move, drag the column header side border to resize, and click the column header to resort.

# Account Toggle



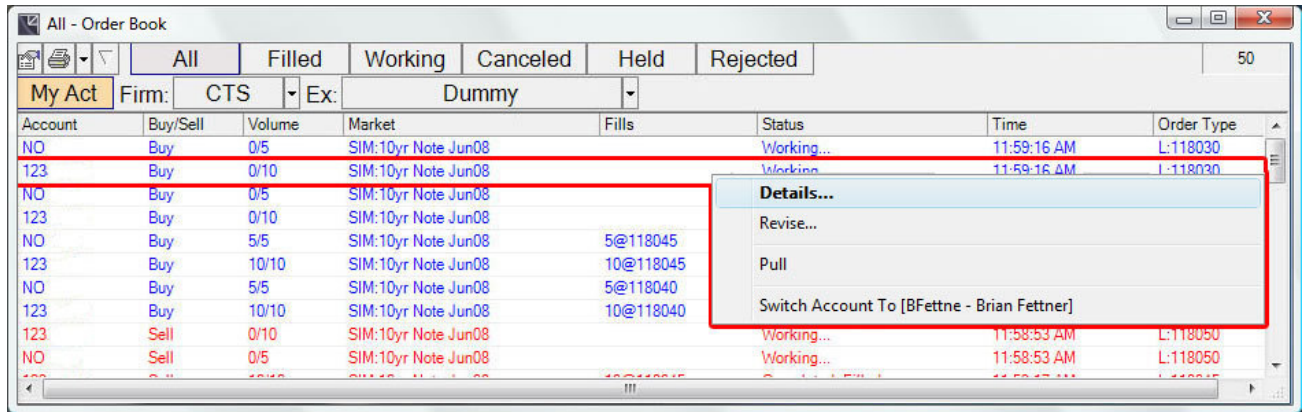
All - Order Book							
		All	Filled	Working	Canceled	Held	Rejected
My Act		Firm: CTS	Ex: Dummy				
Account	Buy/Sell	Volume	Market	Fills	Status	Time	Order Type
NO	Buy	0/5	SIM:10yr Note Jun08		Working...	11:59:16 AM	L:118030
123	Buy	0/10	SIM:10yr Note Jun08		Working...	11:59:16 AM	L:118030
NO	Buy	0/5	SIM:10yr Note Jun08		Working...	11:59:15 AM	L:118035
123	Buy	0/10	SIM:10yr Note Jun08		Working...	11:59:15 AM	L:118035
NO	Buy	5/5	SIM:10yr Note Jun08	5@118045	Completed, Filled	11:59:08 AM	L:118045
123	Buy	10/10	SIM:10yr Note Jun08	10@118045	Completed, Filled	11:59:08 AM	L:118045
NO	Buy	5/5	SIM:10yr Note Jun08	5@118040	Completed, Filled	11:59:07 AM	L:118040
123	Buy	10/10	SIM:10yr Note Jun08	10@118040	Completed, Filled	11:59:07 AM	L:118040
123	Sell	0/10	SIM:10yr Note Jun08		Working...	11:58:53 AM	L:118050
NO	Sell	0/5	SIM:10yr Note Jun08		Working...	11:58:53 AM	L:118050

The account toggle is only useful if you have multiple accounts. By clicking the toggle you switch between viewing the orders for just the [Currently Trading Account](#) and the orders for all your accounts. This can help you focus on the specific account you are trading for.



Toggle between viewing orders for all accounts and orders for the Currently Trading Account.

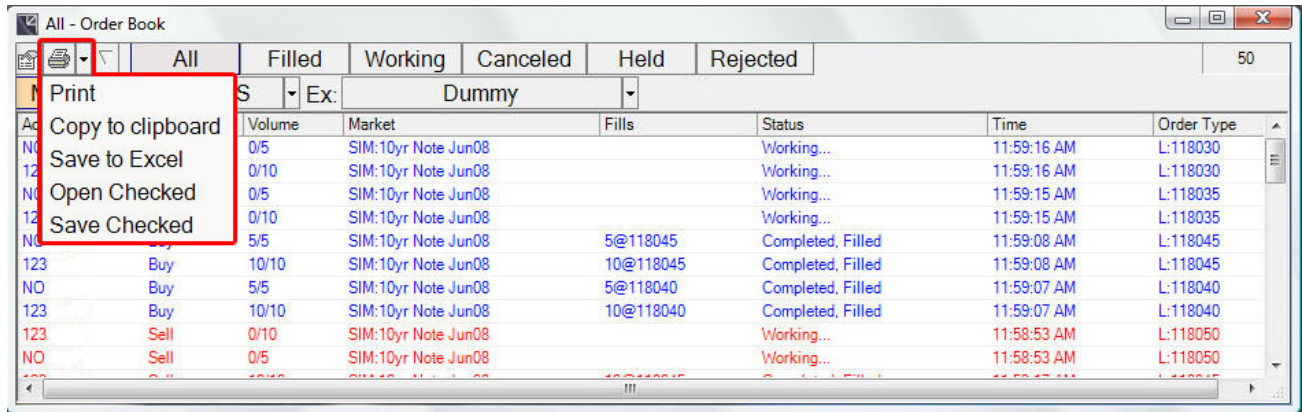
# Order Book Menu



The Order Book menu is opened by right clicking on one or multiple orders. The menu items only act upon the selected orders. The following options are available from the Order Book menu:

<b>Details</b>	Opens an <a href="#">Order Details</a> window for the selected order showing the fill details and history of the order.
<b>Revise</b>	Opens a <a href="#">Revision Ticket</a> for the selected order. This option is only available if the order is still working in the market.
<b>Pull</b>	Cancels the selected order. This option is only available if the order is still working in the market.
<b>Switch Account</b>	Changes the <a href="#">Currently Trading Account</a> to the account used to submit the selected order.

## Accessories



The print button allows you to print directly from the Order Book. You can print as many or as few orders as you want. Select the desired orders in the Order Book and then click the print button. To print the entire Order Book leave all the orders unselected and then click the print button.



Drop Down Arrow

Click the drop down arrow to choose between a variety of accessories.



Print

Click the print button in the upper left corner of the Order Book to open a print preview window. The print button allows you to print directly from the Order Book. You can print as many or as few orders as you want. Select the desired orders in the Order Book and then click the print button. To print the entire Order Book leave all the orders unselected and then click the print button.

**Note:** A printer must be installed and configured in order to take advantage of the Print functionality

Save to PDF

Saves orderbook data to a PDF format



Copy to Clipboard

Select the Copy to Clipboard option from the drop down menu. The Copy to Clipboard button allows you to copy the order book to the clipboard so that you can paste the order book into any other application.



Save to Excel

Select the Save to Excel option from the drop down menu. The save to Excel button allows you to save the order book details into an excel spreadsheet.



Open Checked

Select the Open Checked or Save Checked option from the drop down menu.



Save Checked

You can check off orders in the Order book. To do this go to the Order book properties and add in either of the Check

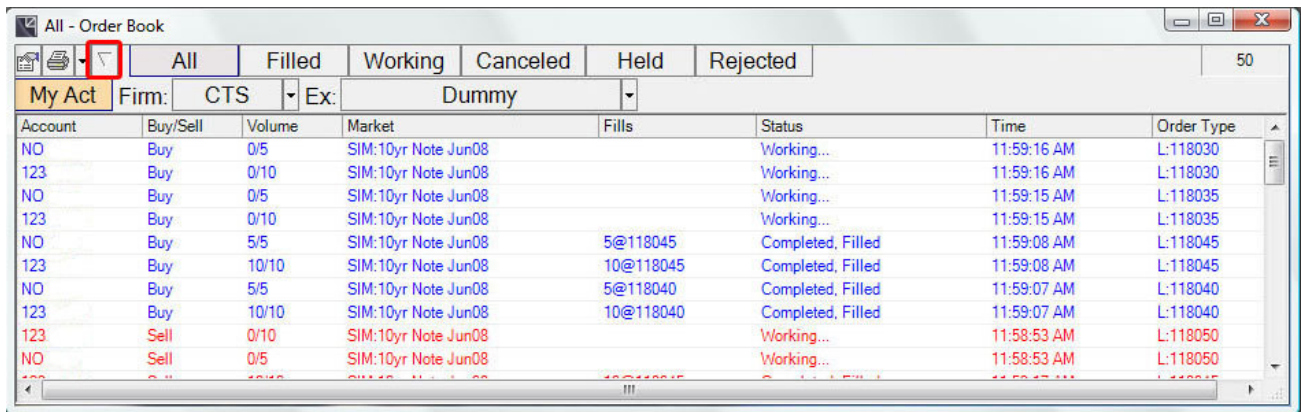
1 or Check 2 columns listed under 'Advanced'. Then on the Order book itself you can toggle the check for an order by simply clicking the checkbox in those columns.

**Note:** The checkbox setting is tied to the order, so if you check it in the 'All' view then it will also be checked in the 'Filled' view etc. The check settings are not stored on the server, and no other user will see the checks that you make. If you close the frontend then you will lose the check settings that you have made.

You can save the check settings to a file on your computer by clicking the drop down next to the Printer icon on the Order book and selecting the 'Save Checked' item and choosing a location to save your current list of checked orders. You can reload previously saved checked orders by using the 'Open Checked' menu item and selecting the file to load.

You can filter your Order Book to only show checked or unchecked orders by using the filter bar. You can enable this by going to Main window properties, Order book tab and enabling the 'Show Filter Bar' setting. On the Order book you will then be able to select one of the Checked filter options.

## Default Sort



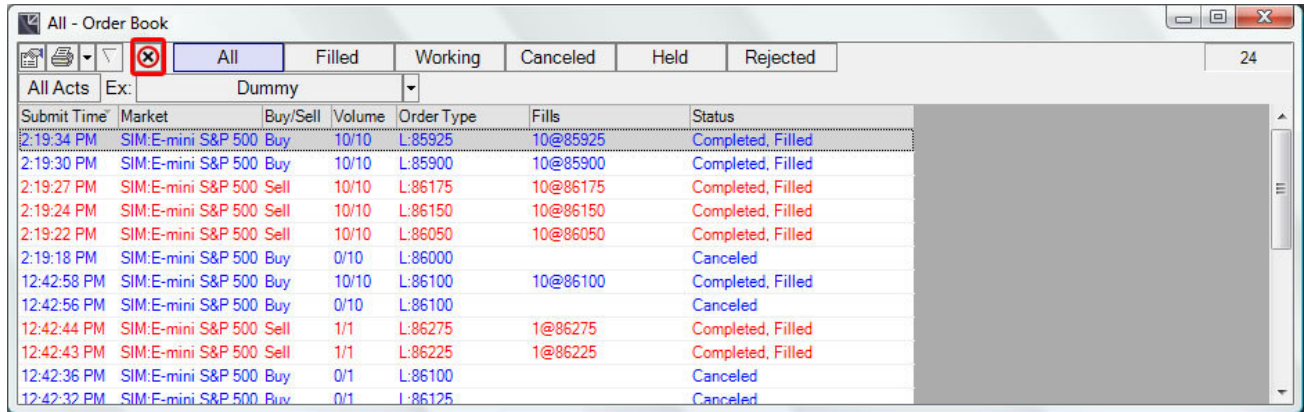
Account	Buy/Sell	Volume	Market	Fills	Status	Time	Order Type
NO	Buy	0/5	SIM:10yr Note Jun08		Working...	11:59:16 AM	L:118030
123	Buy	0/10	SIM:10yr Note Jun08		Working...	11:59:16 AM	L:118030
NO	Buy	0/5	SIM:10yr Note Jun08		Working...	11:59:15 AM	L:118035
123	Buy	0/10	SIM:10yr Note Jun08		Working...	11:59:15 AM	L:118035
NO	Buy	5/5	SIM:10yr Note Jun08	5@118045	Completed, Filled	11:59:08 AM	L:118045
123	Buy	10/10	SIM:10yr Note Jun08	10@118045	Completed, Filled	11:59:08 AM	L:118045
NO	Buy	5/5	SIM:10yr Note Jun08	5@118040	Completed, Filled	11:59:07 AM	L:118040
123	Buy	10/10	SIM:10yr Note Jun08	10@118040	Completed, Filled	11:59:07 AM	L:118040
123	Sell	0/10	SIM:10yr Note Jun08		Working...	11:58:53 AM	L:118050
NO	Sell	0/5	SIM:10yr Note Jun08		Working...	11:58:53 AM	L:118050



Click the Default Sort button in the upper left corner of the Order Book to sort descending by order submission time.



## Pull All

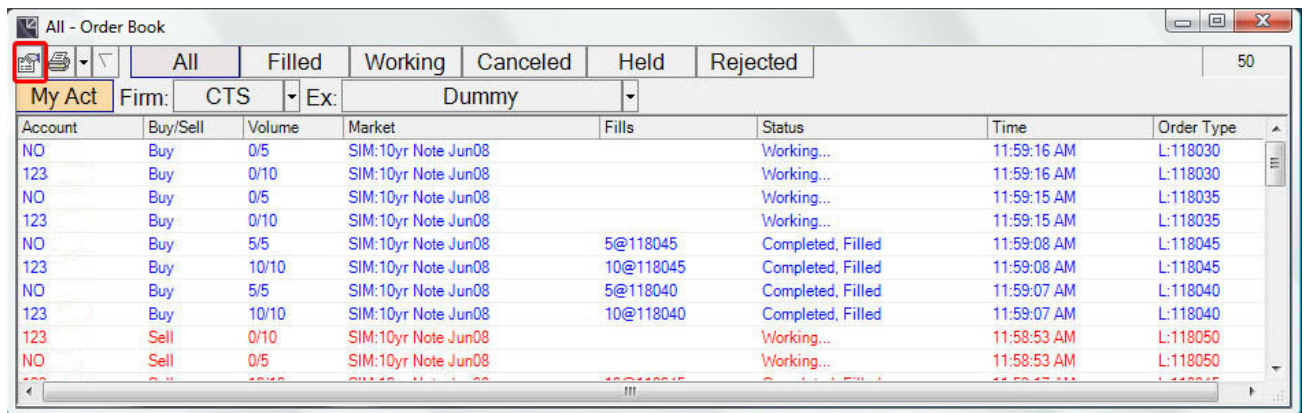


Submit Time	Market	Buy/Sell	Volume	Order Type	Fills	Status
2:19:34 PM	SIM:E-mini S&P 500	Buy	10/10	L:85925	10@85925	Completed, Filled
2:19:30 PM	SIM:E-mini S&P 500	Buy	10/10	L:85900	10@85900	Completed, Filled
2:19:27 PM	SIM:E-mini S&P 500	Sell	10/10	L:86175	10@86175	Completed, Filled
2:19:24 PM	SIM:E-mini S&P 500	Sell	10/10	L:86150	10@86150	Completed, Filled
2:19:22 PM	SIM:E-mini S&P 500	Sell	10/10	L:86050	10@86050	Completed, Filled
2:19:18 PM	SIM:E-mini S&P 500	Buy	0/10	L:86000		Canceled
12:42:58 PM	SIM:E-mini S&P 500	Buy	10/10	L:86100	10@86100	Completed, Filled
12:42:56 PM	SIM:E-mini S&P 500	Buy	0/10	L:86100		Canceled
12:42:44 PM	SIM:E-mini S&P 500	Sell	1/1	L:86275	1@86275	Completed, Filled
12:42:43 PM	SIM:E-mini S&P 500	Sell	1/1	L:86225	1@86225	Completed, Filled
12:42:36 PM	SIM:E-mini S&P 500	Buy	0/1	L:86100		Canceled
12:42:32 PM	SIM:E-mini S&P 500	Buy	0/1	L:86125		Canceled



Click the Pull Button to pull all the orders out of the market

## Order Book Properties



Account	Buy/Sell	Volume	Market	Fills	Status	Time	Order Type
NO	Buy	0/5	SIM:10yr Note Jun08		Working...	11:59:16 AM	L:118030
123	Buy	0/10	SIM:10yr Note Jun08		Working...	11:59:16 AM	L:118030
NO	Buy	0/5	SIM:10yr Note Jun08		Working...	11:59:15 AM	L:118035
123	Buy	0/10	SIM:10yr Note Jun08		Working...	11:59:15 AM	L:118035
NO	Buy	5/5	SIM:10yr Note Jun08	5@118045	Completed, Filled	11:59:08 AM	L:118045
123	Buy	10/10	SIM:10yr Note Jun08	10@118045	Completed, Filled	11:59:08 AM	L:118045
NO	Buy	5/5	SIM:10yr Note Jun08	5@118040	Completed, Filled	11:59:07 AM	L:118040
123	Buy	10/10	SIM:10yr Note Jun08	10@118040	Completed, Filled	11:59:07 AM	L:118040
123	Sell	0/10	SIM:10yr Note Jun08		Working...	11:58:53 AM	L:118050
NO	Sell	0/5	SIM:10yr Note Jun08		Working...	11:58:53 AM	L:118050

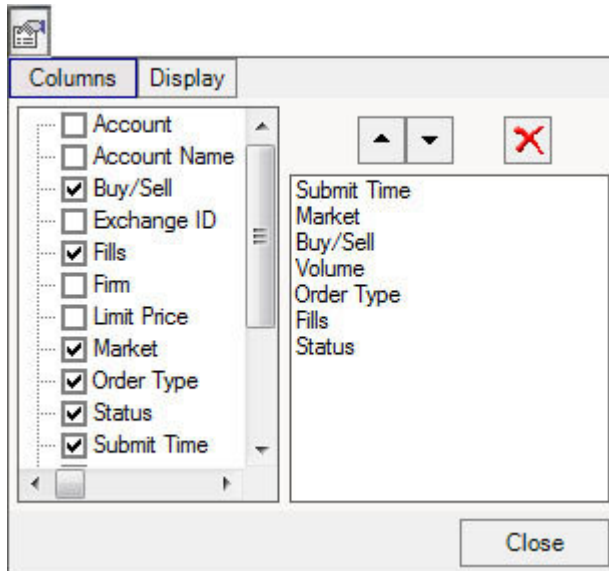
Some Order Book properties can be configured in the [Order Book Tab](#) in the Main Properties window. The Order Book property pages are used to further customize how information is displayed. Columns can be added, removed, and reordered. The view's font can also be increased or decreased.



Click the Properties button in the upper left corner of the Order Book to open the Order Book Properties.

---

## ***I. Columns Tab***



The columns tab is used to add, remove, and reorder Order Book columns.



Add or remove columns from the view by checking their corresponding boxes in the left pane.



Change the order in which columns are displayed by selecting a column in the right pane and clicking the up or down arrows.

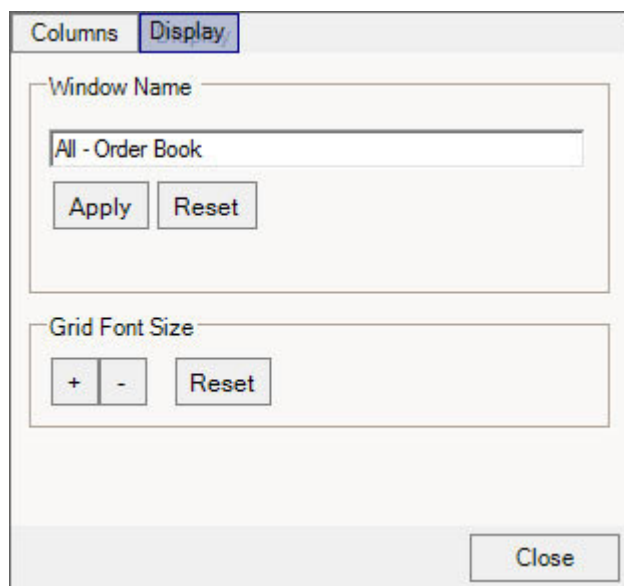


Remove a column by selecting it in the right pane and clicking the delete button.

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## II. Display Tab

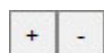


The display tab is used to override the default grid font. You are able to set a custom font size for a specific Order Book.

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Window Name	Change the name of the order book window, or reset it to the default name.
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	Increase or decrease the grid font size.
---	--

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	Reset the grid font to the system default.
---	--

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You can now enable [keyboard based order entry and revision tickets](#). To enable them go to Main window properties, Main tab and enable the 'Keyboard Order Entry' setting. This will display a simple order ticket at the bottom of the Order Book.

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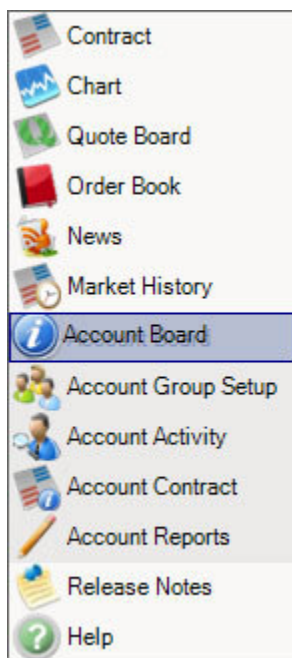
## Account Board

The Account Board displays account details for all the accounts that you have access to. The most common columns are visible by default. Each account listed will have a name, number, total P&L, total cash, and status. Your account will also break down P&L by providing individual market positions. Each position will display the market, net position, and P&L. Combining the P&L for all the positions will equal the account total P&L. Many additional [Columns](#) are available in [Account Board Properties](#).

During trading your account status may change due to risk management. If your status becomes “blocked” it means that risk management is actively blocking your account from trading so that you can only trade out of your open positions. Filtered views of your accounts are provided by the [View Tabs](#) at the top of the screen. Simply click the view you desire and Account Board will display the appropriate accounts. The default, All view, is an unfiltered view showing you all accounts that are available to you.

The Account Board also allows you to print the contents of a view, quickly change the [Currently Trading Account](#) and open account specific Order Books.

To open a new Account Board, Click **Account Board** from the Main window's [New Item Menu](#).



The screenshot shows the 'Accounts' window in the T4 software. It features a menu bar with 'Accounts', 'DDE', and 'Firm: (All Firm)'. Below the menu bar is a toolbar with icons for properties, DDE link, print, search, and view tabs. The main area displays a table of accounts with columns for Account, Name, Firm, Status, Total P&L, Total Cash, Net Equity, Market, Net, and P&L. The table lists three accounts: 00001 (Username CTS), 00002 (Account 2 CTS), and 00003 (Account 3 ABC). Each account has a list of markets traded, such as SIM: E-mini Russell 2000 Mar08, SIM: Corn Mar08, and D-Note Mar08. The status of each account is 'OK'. The total P&L, total cash, and net equity for each account are displayed. The number of markets traded per account is shown in the 'Market' column, and the net position per contract is shown in the 'Net' column.

1		Properties	Brings up the properties for the Account Board
2		DDE Link	Copies the account board into an excel spreadsheet
3		Print	Print the account board (must have a printer configured)
4	Firm: (All Firm)	Firm Drop Down	Filter account board by firm
5		Search	Search for an account by name
6	All Have Traded	View Tabs	View various account boards
7	157	Total Number of Accounts	The total number of account in the account board
8	OK	Status	Ok = Account is Trading Unrestricted = Account is not configured for Risk Management Blocked = Account is disabled by Risk Management
9	80,804	Total P&L	Per trading session. If P&L rollover is enabled then T4 will carry P&L forward from one trading session to the next.
10	1,000,331	Total Cash	Net Equity minus Margin
11	1,080,231	Net Equity	Balance +/- P&L
12	D-Note Mar08	Markets Traded Per Account	The markets that are being traded on each account
13	16	Net Position per Contract	Blue = Long Position Red = Short Position

## View Tabs

Account	Name	Status	Total P&L	Total Cash	Net Equity	Market	Net	P&L
00001	Username	OK	46,474	2,001,488	2,117,688	SIM: E-mini Russell 2000 Mar08	1	-500
						SIM: Com Mar08	2	5,350
						SIM: E-mini S&P 500 Mar08	2	-2,200
						D-Note Mar08	16	328
						D-Index Mar08	41	83,415
						SIM: 10yr Note Jun08	81	-38,469
						SIM: E-mini S&P 500 Mar08-1.Jun08+1	3	45
00002	Account 2	OK	0	36,648	36,648	D-Index Mar08	41	83,415
						D-Index Jun08	-17	-970
						SIM: E-mini Russell 2000 Mar08	1	-500
						SIM: Com Mar08	2	5,350
						D-Note Mar08	16	328
00003	Account 3	OK	80,804	1,000,331	1,080,231	SIM: 10yr Note Jun08	10	-4,844

The view tabs are used to switch between filtered views of your accounts. Simply click the tab for the accounts you desire to see. If you want to see multiple views at the same time create a new Account Board and set the additional view.

All	Have Traded	Neg P&L ▾	Blocked ▾	Open Position ▾	Risk St ▾ ▸
-----	-------------	-----------	-----------	-----------------	-------------


Neg P&L ▾
Neg P&L
No P&L
Pos P&L

Some tabs have related items under a drop down menu. Click the dropdown button to the right of the tab to select from the additional related items.

<b>All</b>	All Accounts. This is an unfiltered view.
<b>Have Traded</b>	Accounts that have orders for the current trading day.
<b>Neg P&amp;L</b>	Accounts that have taken a loss for the current trading day.
<b>No P&amp;L</b>	Accounts that have had no profit or loss for the current trading day.
<b>Pos P&amp;L</b>	Accounts that have made a profit for the current trading day.
<b>Blocked</b>	Accounts currently being blocked by risk management. Contact your Administrator for an explanation of your specific risk management parameters.

<b>Unrestricted</b>	Accounts that are not risk managed. There are no money or margin restrictions on these accounts. They may have max clip and max position limits.
<b>Disabled</b>	Accounts that have been disabled by your Risk Manager.
<b>Open Position</b>	Accounts that have an open position.
<b>Flat Position</b>	Accounts that have had a position but are now flat.
<b>Risk Status</b>	Overall risk status of each account.
<b>All Warnings</b>	A summary of all warnings: Margin, P&L and loss Limit.
<b>Margin Warnings</b>	All accounts over the daily risk limit for margin set by Administrator.
<b>P&amp;L Warnings</b>	All accounts over the daily P&L limit set by Administrator.
<b>Loss Limit Warnings</b>	All accounts over the daily Loss limit level set by Administrator.

## Columns



Account	Name	Status	Total P&L	Total Cash	Net Equity	Market	Net	P&L
00001	Username	OK	46,474	2,001,488	2,117,688	SIM: E-mini Russell 2000 Mar08	1	-500
						SIM: Corn Mar08	2	5,350
						SIM: E-mini S&P 500 Mar08	2	-2,200
						D-Note Mar08	16	328
						D-Index Mar08	41	83,415
						SIM: 10yr Note Jun08	81	-38,469
						SIM: E-mini S&P 500 Mar08-1.Jun08+1	3	45
00002	Account 2	OK	0	36,648	36,648	D-Index Mar08	41	83,415
						D-Index Jun08	-17	-970
						SIM: E-mini Russell 2000 Mar08	1	-500
						SIM: Corn Mar08	2	5,350
						D-Note Mar08	16	328
00003	Account 3	OK	80,804	1,000,331	1,080,231	SIM: 10yr Note Jun08	10	-4,844

By default the most common columns are visible in a new Account Board. Many more columns are available and can be added in the [Account Board Properties](#).

### Default Columns

<i>Account</i>	The account number that is sent to the exchange.
<i>Name</i>	The descriptive name of the account.
<i>Firm</i>	The firm number that the account belongs to
<i>Status</i>	The current status of the account.
<b>Blocked</b>	Risk management is actively blocking the account because it violates at least one of the rules set up by your Administrator.
<b>Deleted</b>	The account was deleted from the system by your <a href="#">Administrator</a> .
<b>Disabled</b>	The account was disabled in the system by your Administrator.
<b>Ok</b>	The account is ready for trading and is being risk managed.
<b>Unknown</b>	The current status of the account is unknown.
<b>Unrestricted</b>	The account is ready for trading and it isn't being risk managed.
<i>Total P&amp;L</i>	Profit and loss for all the positions in the account. P&L combines your realized and unrealized profit and loss.
<i>Total Cash</i>	The total amount of money your account has available for trading. This value is derived from your start of day balance, P&L and margin.
<i>Net Equity</i>	Total Balance plus P&L.
<i>Total Working</i>	Displays number of working order and total volume of those orders in parentheses
<i>Market</i>	A description of each market that was traded.
<i>Net</i>	Your net position in each market that was traded.
<i>P&amp;L</i>	Your profit and loss for each market that was traded.

### Other Account Columns

<i>Loss Limit</i>	The amount of cash you are able to lose in a single trading day. If this value is blank then you don't have a loss limit.
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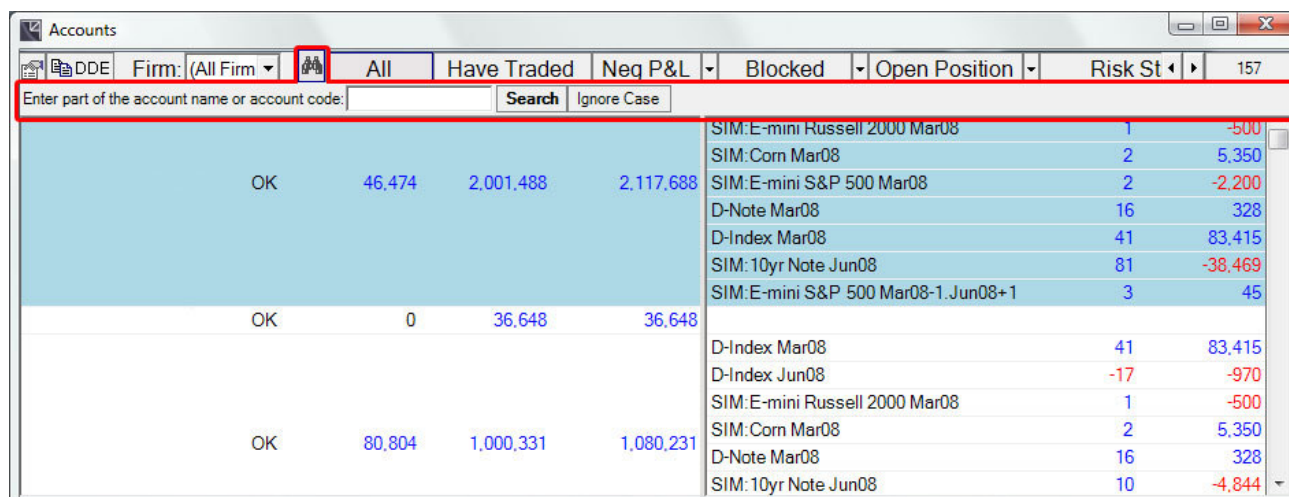
<b><i>Loss Limit %</i></b>	The amount of cash you are able to lose in a single trading day as a percent of your Total Balance.
<b><i>Min Balance</i></b>	The minimum balance the clearing firm is requiring you to keep in your account at all times. This amount is subtracted from your balance when checking margin requirements.
<b><i>Total Balance</i></b>	The start of day balance of your account.
<b><i>Total Margin</i></b>	The total margin you are being required to pay for all the positions for the account.
<b><i>Total Overnight UP&amp;L</i></b>	Unrealized profit and loss for your accounts overnight positions. This is the P&L between any fills from previous days and the last settlement price.
<b><i>Total RP&amp;L</i></b>	Realized profit and loss for your account. This is the profit and loss for positions that have been closed out.
<b><i>Total UP&amp;L</i></b>	Unrealized profit and loss for your account. This is the P&L between any open position fills and the current best bid or offer prices. If no bid or offer price is available then the last trade or settlement price is used.
<b><i>Warning Loss Limit</i></b>	Indicates account is close to loss limit for the day
<b><i>Warning Margin</i></b>	Indicates account is close to margin limits for the day
<b><i>Warning P&amp;L</i></b>	Indicates account is close to P&L loss for the day
<b><i>Warning Summary</i></b>	Summary of all account warning parameters
<b>Other Position Columns</b>	
<b><i>Buys</i></b>	The total number of contracts bought in the market for this trading day.
<b><i>Margin</i></b>	The amount of margin required for your position and working orders in the market.
<b><i>Overnight UP&amp;L</i></b>	Unrealized profit and loss for your overnight positions in each market traded. This is the P&L between any fills from previous days and the last settlement price.
<b><i>RP&amp;L</i></b>	Realized profit and loss for your positions in each market traded. This is profit and loss for positions that have been closed and the prices are known.

<b><i>Sells</i></b>	The total number of contracts sold in the market for this trading day.
<b><i>UP&amp;L</i></b>	Unrealized profit and loss for your position in the market. This is the P&L between any open position fills and the current best bid or offer prices. If no bid or offer price is available then the last trade or settlement price is used.
<b><i>Working Buys</i></b>	The number of buy contracts you have working in the market.
<b><i>Working Sells</i></b>	The number of sell contracts you have working in the market.
<b><i>Worst</i></b>	Your worst case position in each market if some or all of your working orders get filled.

## Column Layout

The Account Board's [column layout](#) is fully customizable. Drag the column header to move, drag the column header side border to resize, and click the column header to resort.

## Search







The Account Board search pane enables you to search for specific accounts. Enter any part of an account name or account number in the text field and click the search button to begin the search.

Enter the search criteria.

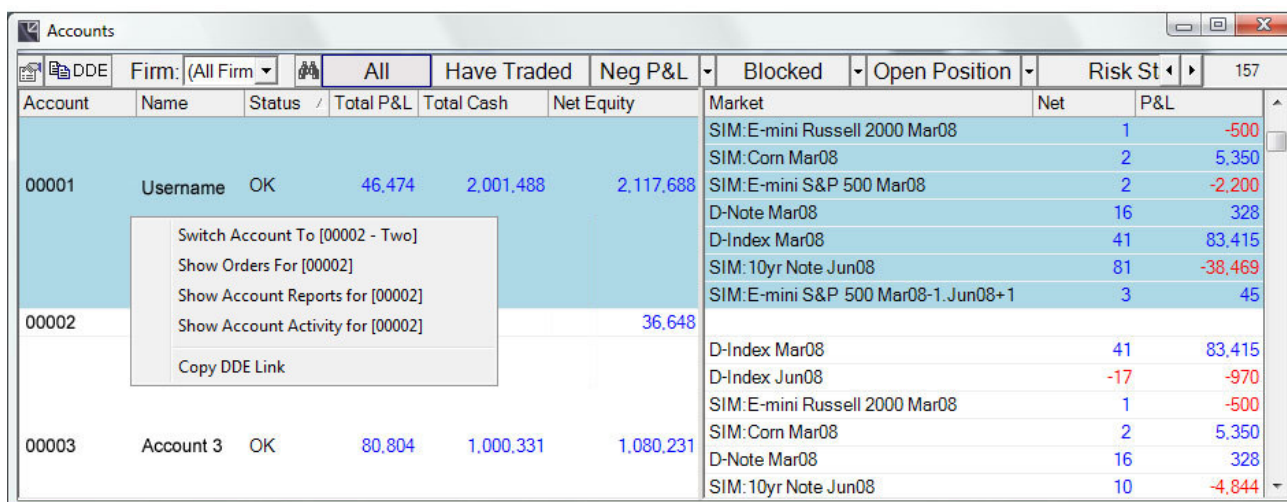
**Search**

Click to begin the search.

**Ignore Case**

The case sensitivity toggle determines whether or not the search pays attention to the case of the search criteria. This toggle can be useful when searching hundreds of accounts.


## Account Board Menu



The Account Board menu is opened by right clicking on a single account. The following options are available from the Account Board menu:

**Switch Account** Click **Switch Account** to change the [Currently Trading Account](#) to the account highlighted.

**Show Orders For** Click **Show Orders** to display a custom [Order Book](#) containing only the orders for the highlighted account

The account specific Order Book will have a  button enabled on the **All** and **Filled** tabs. This button will **Pull** all working orders for the account.

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**Show Account Reports For**      Displays Reports for this specific account.

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**Copy DDE Link**      Copy positions and P&L into Excel.

---

## DDE Button



The screenshot shows the 'Accounts' window with a toolbar at the top. The 'DDE' button, represented by a document icon with a double-headed arrow, is highlighted with a red box. Below the toolbar is a table with columns: Account, Name, Status, Total P&L, Total Cash, Net Equity, Market, Net, and P&L. The table lists three accounts: 00001 (Username), 00002 (Account 2), and 00003 (Account 3). Account 00001 has a Total P&L of 46,474, Total Cash of 2,001,488, and Net Equity of 2,117,688. Account 00002 has a Total P&L of 0, Total Cash of 36,648, and Net Equity of 36,648. Account 00003 has a Total P&L of 80,804, Total Cash of 1,000,331, and Net Equity of 1,080,231. The Market column lists various instruments like SIM: E-mini Russell 2000 Mar08, SIM: Corn Mar08, SIM: E-mini S&P 500 Mar08, D-Note Mar08, D-Index Mar08, SIM: 10yr Note Jun08, and SIM: E-mini S&P 500 Mar08-1.Jun08+1. The Net and P&L columns show values for each instrument, with P&L values in red or blue.

Account	Name	Status	Total P&L	Total Cash	Net Equity	Market	Net	P&L
00001	Username	OK	46,474	2,001,488	2,117,688	SIM: E-mini Russell 2000 Mar08	1	-500
						SIM: Corn Mar08	2	5,350
						SIM: E-mini S&P 500 Mar08	2	-2,200
						D-Note Mar08	16	328
						D-Index Mar08	41	83,415
						SIM: 10yr Note Jun08	81	-38,469
						SIM: E-mini S&P 500 Mar08-1.Jun08+1	3	45
00002	Account 2	OK	0	36,648	36,648	D-Index Mar08	41	83,415
						D-Index Jun08	-17	-970
						SIM: E-mini Russell 2000 Mar08	1	-500
						SIM: Corn Mar08	2	5,350
						D-Note Mar08	16	328
00003	Account 3	OK	80,804	1,000,331	1,080,231	SIM: 10yr Note Jun08	10	-4,844

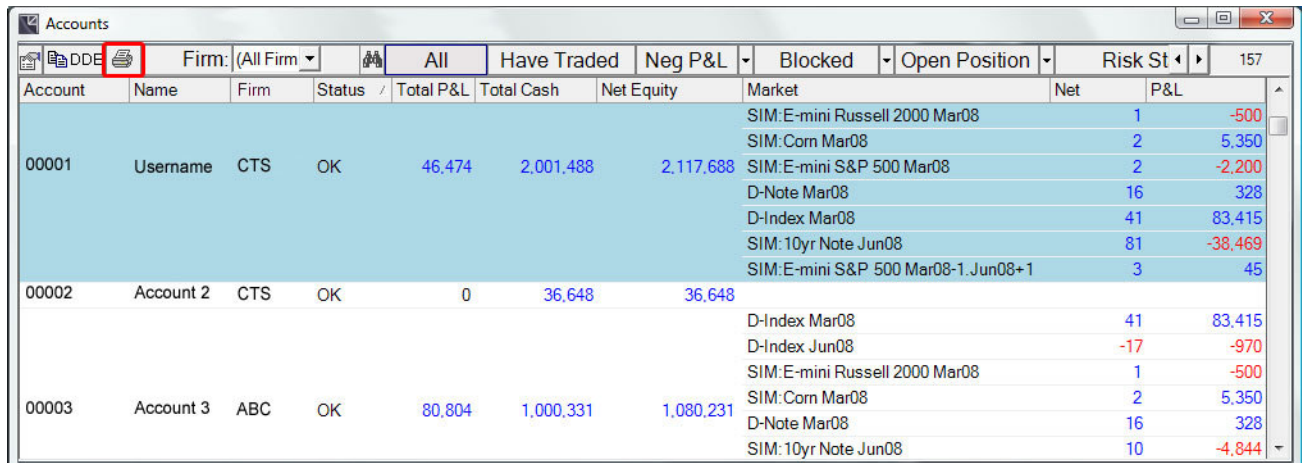


Click the DDE button to enable dynamic streaming of data into Excel.

New positions created in new markets will not appear dynamically via DDE. Only the positions that you paste in Excel will be updated in Excel.

---

## Printing



Account	Name	Firm	Status	Total P&L	Total Cash	Net Equity	Market	Net	P&L
00001	Username	CTS	OK	46,474	2,001,488	2,117,688	SIM: E-mini Russell 2000 Mar08	1	-500
							SIM: Corn Mar08	2	5,350
							SIM: E-mini S&P 500 Mar08	2	-2,200
							D-Note Mar08	16	328
							D-Index Mar08	41	83,415
							SIM: 10yr Note Jun08	81	-38,469
00002	Account 2	CTS	OK	0	36,648	36,648	SIM: E-mini S&P 500 Mar08-1.Jun08+1	3	45
							D-Index Mar08	41	83,415
00003	Account 3	ABC	OK	80,804	1,000,331	1,080,231	D-Index Jun08	-17	-970
							SIM: E-mini Russell 2000 Mar08	1	-500
							SIM: Corn Mar08	2	5,350
							D-Note Mar08	16	328
							SIM: 10yr Note Jun08	10	-4,844

The print button allows you to print directly from the Account Board. You can print as many or as few accounts as you want. Select the desired accounts in the Account Board and then click the print button. To print the entire Account Board leave all the accounts unselected and then click the print button.



Click the print button in the upper left corner of the Account Board to open a print preview window.

**Note:** A printer must be installed and configured in order to take advantage of the Print functionality

## Account Board Properties



Account	Name	Status	Total P&L	Total Cash	Net Equity	Market	Net	P&L
00001	Username	OK	46,474	2,001,488	2,117,688	SIM: E-mini Russell 2000 Mar08	1	-500
						SIM: Corn Mar08	2	5,350
						SIM: E-mini S&P 500 Mar08	2	-2,200
						D-Note Mar08	16	328
						D-Index Mar08	41	83,415
						SIM: 10yr Note Jun08	81	-38,469
00002	Account 2	OK	0	36,648	36,648	SIM: E-mini S&P 500 Mar08-1.Jun08+1	3	45
						D-Index Mar08	41	83,415
00003	Account 3	OK	80,804	1,000,331	1,080,231	D-Index Jun08	-17	-970
						SIM: E-mini Russell 2000 Mar08	1	-500
						SIM: Corn Mar08	2	5,350
						D-Note Mar08	16	328
						SIM: 10yr Note Jun08	10	-4,844

Some Account Board properties can be configured in the [Account Board Tab](#) in the Main Properties window.

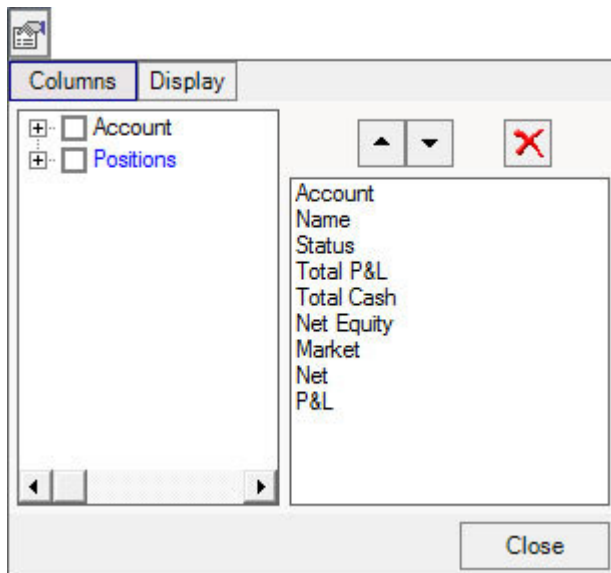
The Account Board property pages are used to further customize how information is displayed. Columns can be added, removed, and reordered. The view's font can also be increased or decreased.



Click the Properties button in the upper left corner of the Account Board to open the Account Board Properties.

---

## I. *Columns Tab*



The columns tab is used to add, remove, and reorder Account Board columns.



Add or remove columns from the view by checking their corresponding boxes in the left pane.



Change the order in which columns are displayed by selecting a column in the right pane and clicking the up or down arrows.



Remove a column by selecting it in the right pane and clicking the delete button.

---

## II. *Display Tab*

The screenshot shows a software window with two tabs: 'Columns' and 'Display'. The 'Display' tab is active. It contains two main sections. The first section, titled 'Window Name', has a text input field with the text 'All - Order Book'. Below this field are two buttons: 'Apply' and 'Reset'. The second section, titled 'Grid Font Size', contains two buttons: a '+' button and a '-' button, followed by a 'Reset' button. At the bottom right of the window is a 'Close' button.

The display tab is used to override the default grid font. You are able to set a custom font size for a specific Account Board.

---

Window Name	Change the name of the account board window, or reset it to the default name.
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	Increase or decrease the grid font size.
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	Reset the grid font to the system default.
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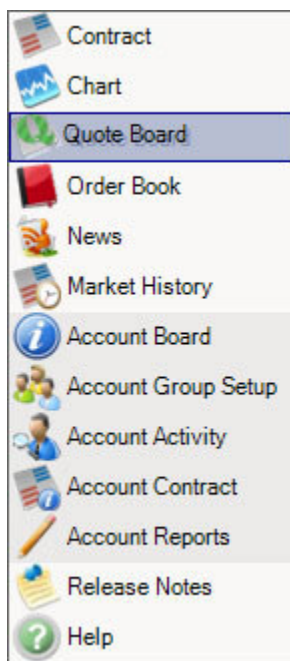
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# Quote Board

The Quote Board displays quotes for multiple contracts horizontally. The most common columns are visible by default. Each market will be listed under its corresponding exchange and contract. The market will have a month, market mode, net change, and quotes. You can change the month displayed by clicking the market month and selecting a month from the dropdown. Only the current quote row will be affected. Market mode is an indication of the current market status. A green “Open” status means the contract is ready for trading, if the market is closed or unavailable then the status will be red; orange indicates a pre-open or pre-close state. The net change for the trading day is displayed in red if the market has moved down and blue if the market has moved up. Quotes are displayed with best bid price and volume in blue, best offer price and volume in red, and last traded price and volume in green. Many additional [Columns](#) are available in [Quote Board Properties](#).

The Quote Board also allows you to submit orders by clicking the bid and offer columns. Clicking a bid or offer price will open an [Order Ticket](#) ready to join the best bid or offer. Clicking a bid or offer volume will open an Order Ticket ready to hit the best bid or offer.





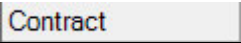

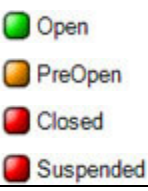


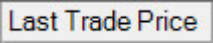
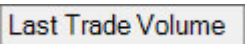

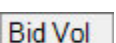
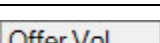
To open a new Quote Board, click **Quote Board** option from the Main window’s [New Item Menu](#).



The Quote Board window displays a table of market data. Numbered callouts point to the following elements: 1. Properties icon, 2. Contract column, 3. Market column, 4. Market Mode column, 5. Net Change column, 6. History column, 7. Last Trade Price column, 8. Last Trade Volume column, 9. Bid Price column, 10. Bid Vol column, 11. Offer Price column, 12. Offer Vol column, 13. Bid Price column, 14. Bid Vol column, 15. Offer Price column, 16. Offer Vol column.

Contract	Market	Market Mode	Net Change	History	Last Trade Price	Last Trade Volume	Bid Price	Bid Vol	Offer Price	Offer Vol
Corn	May08	Open	+134		5974	9	5974	2	5976	(45)
10yr Note	Jun08	Open	-145		117085	5	117080	146	117085	331
E-mini Eurodollar	Jun08	Open	0		0.0	0	0.0	0	0.0	0
30yr Bond	Jun08	Open	-40		117165	19	117160	48	117165	237
E-mini S&P 500	Jun08	Open	+375		137425	80	137400	662	137425	15

1		Properties	Brings up the properties for the Quote Board
---	--	------------	--

<b>2</b>		Contract Button	Opens up the contract picker window which allow you to add and delete contracts
<b>3</b>		Strategy Activation	Click here to choose how many contract months and which strategies you want to display in the market picker when selecting new markets.
<b>4</b>		DDE Link	Enables dynamic streaming of data into Excel  Click the DDE button to make a copy of the current quote board as DDE links. Open an Excel spreadsheet and paste. Market data will begin streaming to the Excel spreadsheet.
<b>5</b>		Print	Print the quote board (must have a printer configured)
<b>6</b>		Contract	Contract name
<b>7</b>		Contract Month/Year	Click here to change months and strategies
<b>8</b>		Market Mode	Open = Contract open for trading PreOpen = Contract is in the Pre-Open Closed = Contract closed for trading Suspended = Contract closed for trading
<b>9</b>		Net Change	The net change of the market for the current trading day.
<b>10</b>		Trade Histogram	Displays a histogram of the last 1-100 trades
<b>11</b>		Last Traded Price	The last traded price
<b>12</b>		Last Traded Volume	The last traded volume
<b>13</b>		Current Bid Price	Left click here to bring up a buy order ticket to join the bid
<b>14</b>		Current Bid Volume	Left click here to bring up a sell order ticket ready to hit the bid
<b>15</b>		Current Offer Price	Left click here to bring up a sell order ticket to join the offer
<b>16</b>		Current Offer Volume	Left click to bring up a buy order ticket ready to lift the offer

## Adding/Removing Contracts





Contract	Market	Market Mode	Net Change	History	Last Trade Price	Last Trade Volume	Bid Price	Bid Vol	Offer Price	Offer Vol
Corn	May08	Open	+134		5974	9	5974	2	5976	(45)
10yr Note	Jun08	Open	-145		117085	5	117080	146	117085	331
E-mini Eurodollar	Jun08	Open	0		0.0	0	0.0	0	0.0	0
30yr Bond	Jun08	Open	-40		117165	19	117160	48	117165	237
E-mini S&P 500	Jun08	Open	+375		137425	80	137400	662	137425	15

The new contract button opens a [Contract Picker](#) that allows you to choose additional contracts to be displayed in the Quote Board. To display multiple markets for the same contract add the contract to the Quote Board multiple times. Once added, click on the contract month to change the duplicate to the market month you desire. Another option is to use the [Quote Board Menu](#) which has the Add Next feature.

To remove contracts right click on the contract and choose Remove.



Click the new contract button to open the [Contract Picker](#). When the desired contract is selected it will appear in the Quote Board.

## Switching Markets



Contract	Market	Market Mode	Net Change	History	Last Trade Price	Last Trade Volume	Bid Price	Bid Vol	Offer Price	Offer Vol
Corn	May08	Open	-104		5874	1	5874	(30)	5876	21
10yr Note	May08	Open	-145		117085	5	117080	146	117085	331
E-mini Eurodollar	Jul08	Open	0		0.0	0	0.0	0	0.0	0
30yr Bond	Sep08	Open	-40		117165	19	117160	48	117165	237
E-mini S&P 500	Dec08	Open	+375		137425	80	137400	662	137425	15

Click on the Market Column to change contract months.



Quote Board

SP DDE

Contr ☒ Outrights

Com ☒ Calendar Spreads

10yr ☐ Reduced Tick Calendar Spreads

E-min ☐ Condors

30yr ☐ Bundle

E-min ☐ Pack Spread

☐ Pack Butterfly

☒ Bundle Spread

☐ Month vs Pack

☐ Pack

☐ Double Butterfly

☐ Strip

☐ Inter Contract Spreads

☐ Crack

☐ First 2 Months Only

Change	History	Last Trade Price	Last Trade Volume	Bid Price	Bid Vol	Offer Price	Offer Vol
-104		5874	1	5874	(30)	5876	21
-145		117085	5	117080	146	117085	331
0		0.0	0	0.0	0	0.0	0
-40		117165	19	117160	48	117165	237
+375		137425	80	137400	662	137425	15

May08

May08

+May08-Jul08

+May08-Sep08

+May08-Dec08

Jul08

+Jul08-Sep08

+Jul08-Dec08

Sep08

The **Spread** dropdown allows you to choose whether or not various strategies are visible in the Market Column drop down menu. Choose any strategy you wish to see in the market drop down menu. If you only wish to see the first 2 month, select the first 2 months only option.

## Columns









Quote Board

SP DDE

Contract	Market	Market Mode	Net Change	History	Last Trade Price	Last Trade Volume	Bid Price	Bid Vol	Offer Price	Offer Vol
Corn	May08	Open	+134		5974	9	5974	2	5976	(45)
10yr Note	Jun08	Open	-145		117085	5	117080	146	117085	331
E-mini Eurodollar	Jun08	Open	0		0.0	0	0.0	0	0.0	0
30yr Bond	Jun08	Open	-40		117165	19	117160	48	117165	237
E-mini S&P 500	Jun08	Open	+375		137425	80	137400	662	137425	15

By default the most common columns are visible in a new Quote board many more columns are available and can be added in the [Quote board properties](#).

## Default Columns

<i>Contract</i>	The contract description.
<i>Market</i>	The contract month being quoted.
<i>Market Mode</i>	Displays the status of the market.
 <b>Open</b>	The market is open for trading.
 <b>PreClosed</b>	The pre close period has been entered for the current market. The market is still open but will close very soon.
 <b>PreOpen</b>	The pre open period has been entered for the market. Orders may be entered but no fills will occur.
 <b>Closed</b>	The market is currently closed for trading at the exchange.
 <b>Failed</b>	The market has failed at the exchange.
 <b>Halted</b>	The exchange has halted all trading of the market.
 <b>RestrictedOpen</b>	The market is open but the exchange has placed restrictions on trading.
 <b>Suspended</b>	The exchange has suspended trading of the market.
<i>Net Change</i>	The net change of the market for the current trading day. This would be the difference between the previous trading day's settlement price and where the market is currently trading.
<i>History</i>	A histogram of the last 1-100 trades
<i>Last Trade Price</i>	The price at which the most recent trade occurred.
<i>Last Trade Volume</i>	Last Trade Volume can be displayed as the last trade volume or the total volume of consecutive trades at the current price
<i>Bid Price</i>	The best bid price. This will be the highest bid price that has volume. It will be the first of all bid volume to trade.
<i>Bid Vol</i>	The number of contracts available at the best bid price.

<i><b>Offer Price</b></i>	The best offer price. This will be the lowest offer price that has volume. It will be the first of all offer volume to trade.
<i><b>Offer Volume</b></i>	The number of contracts available at the best offer price.
<b>Other Columns</b>	
<i><b>Exchange</b></i>	The exchange where the contract is traded. This is mainly to help organize your Quote Board if you trade multiple exchanges.
<i><b>High</b></i>	The highest price traded for the current trading day.
<i><b>Low</b></i>	The lowest price traded for the current trading day.
<i><b>Open</b></i>	Opening price of the session
<i><b>Range</b></i>	The number of tics between the high and low
<i><b>Total Traded</b></i>	The total number of contracts traded for the trading day.
<i><b>Volume</b></i>	Total volume for the current trading session
<b>Advanced Columns</b>	
<i><b>Currency</b></i>	A short description of the currency the market trades in.
<i><b>Expiry Date</b></i>	The date on which the market expires.
<i><b>Last Trading Date</b></i>	Last trading day for the contract
<i><b>Settlement</b></i>	The last settlement price.

## Column Layout

The Quote Board's [column layout](#) is fully customizable. Drag the column header to move, drag the column header side border to resize, and click the column header to resort.

## Quote Board Menu



The Quote Board menu is opened by right clicking on a single market. The following options are available from the Quote Board menu:

<b>Trade Contract</b>	Click <b>Trade Contract</b> to open a <a href="#">Contract</a> window for the current market.
<b>Market History</b>	Click <b>Market History</b> to open a <a href="#">Market History</a> window for the current market.
<b>Add Next</b>	Click <b>Add Next</b> to add the next contract month for the contract
<b>Remove</b>	Click <b>Remove</b> to remove the selected market from the Quote Board.
<b>Copy DDE link</b>	Click <b>Copy DDE link</b> to copy the market into an excel spreadsheet

## Printing



Click the Print button in the upper left corner of the Quote Board to print the Quote Board. You must have a printer installed to use this feature.

## DDE Button



Contract	Market	Market Mode	Net Change	History	Last Trade Price	Last Trade Volume	Bid Price	Bid Vol	Offer Price	Offer Vol
Corn	May08	Open	+134		5974	9	5974	2	5976	(45)
10yr Note	Jun08	Open	-145		117085	5	117080	146	117085	331
E-mini Eurodollar	Jun08	Open	0		0.0	0	0.0	0	0.0	0
30yr Bond	Jun08	Open	-40		117165	19	117160	48	117165	237
E-mini S&P 500	Jun08	Open	+375		137425	80	137400	662	137425	15



Enables dynamic streaming of data into Excel

Click the DDE button to make a copy of the current quote board as DDE links. Open an Excel spreadsheet and paste. Market data will begin streaming to the Excel spreadsheet.

## Trading

The Quote Board not only displays quotes but it also provides basic order submission. Click on the bid and offer price columns to join the market, and click on the bid and offer volume columns to hit the market. An [Order Ticket](#) will be displayed before the order is submitted.

### I. *Hitting the Market*



Contract	Market	Market Mode	Net Change	History	Last Trade Price	Last Trade Volume	Bid Price	Bid Vol	Offer Price	Offer Vol
Corn	May08	Open	+134		5974	9	5974	2	5976	(45)
10yr Note	Jun08	Open	-145		117085	5	117080	146	117085	331
E-mini Eurodollar	Jun08	Open	0		0.0	0	0.0	0	0.0	0
30yr Bond	Jun08	Open	-40		117165	19	117160	48	117165	237
E-mini S&P 500	Jun08	Open	+375		137425	80	137400	662	137425	15

Hitting the market means to trade immediately against existing volume in the market. Click the volume columns to trade against that volume.

1. Click the **Bid** or **Offer Volume**.

2. Use the [Order Ticket](#) to submit the new order.

## II. Joining The Market

Contract	Market	Market Mode	Net Change	History	Last Trade Price	Last Trade Volume	Bid Price	Bid Vol	Offer Price	Offer Vol
Corn	May08	Open	+134		5974	9	5974	2	5976	(45)
10yr Note	Jun08	Open	-145		117085	5	117080	146	117085	331
E-mini Eurodollar	Jun08	Open	0		0.0	0	0.0	0	0.0	0
30yr Bond	Jun08	Open	-40		117165	19	117160	48	117165	237
E-mini S&P 500	Jun08	Open	+375		137425	80	137400	662	137425	15

Joining the market means to increase the best bid or best offer volumes with your order. Click the price columns to submit an order at that price.

1. Click the **Bid** or **Offer** price.
2. Use the [Order Ticket](#) to submit the new order.

## Quote Board Properties

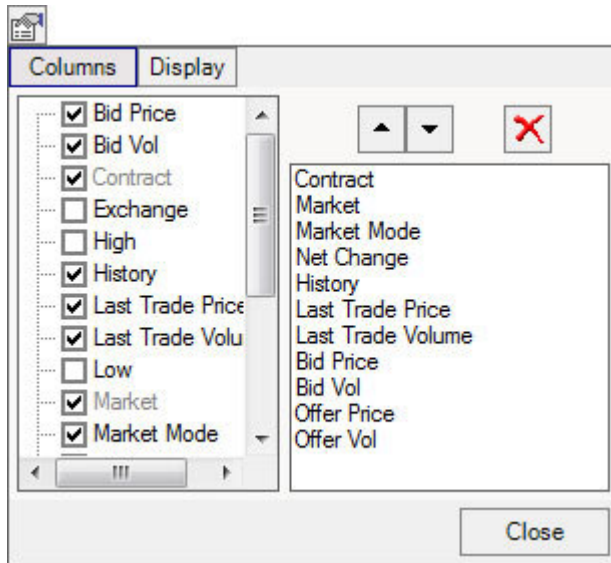
Contract	Market	Market Mode	Net Change	History	Last Trade Price	Last Trade Volume	Bid Price	Bid Vol	Offer Price	Offer Vol
Corn	May08	Open	+134		5974	9	5974	2	5976	(45)
10yr Note	Jun08	Open	-145		117085	5	117080	146	117085	331
E-mini Eurodollar	Jun08	Open	0		0.0	0	0.0	0	0.0	0
30yr Bond	Jun08	Open	-40		117165	19	117160	48	117165	237
E-mini S&P 500	Jun08	Open	+375		137425	80	137400	662	137425	15

The Quote Board property pages are used to further customize how information is displayed. Columns can be added, removed, and reordered. The view's font can also be increased or decreased.



Click the Properties button in the upper left corner of the Quote Board to open the Quote Board Properties.

## I. Columns Tab



The columns tab is used to add, remove, and reorder Quote Board columns.



Add or remove columns from the view by checking their corresponding boxes in the left pane.

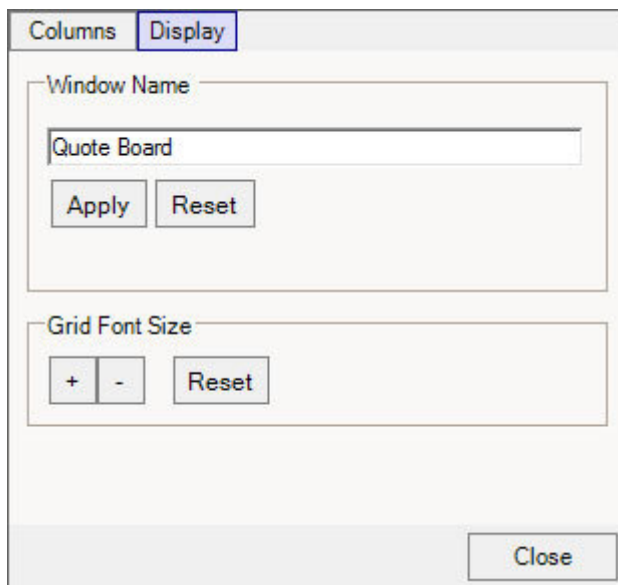


Change the order in which columns are displayed by selecting a column in the right pane and clicking the up or down arrows.



Remove a column by selecting it in the right pane and clicking the delete button.

## II. *Display Tab*




The display tab is used to override the default grid font. You are able to set a custom font size for a specific Quote Board.


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Window Name	Change the name of the quote board window, or reset it to the default name.
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---

	Increase or decrease the grid font size.
---	--

---

	Reset the grid font to the system default.
---	--

---

## Keyboard Order Entry and Revisions

You can now enable [keyboard based order entry and revision tickets](#). To enable them go to Main window properties, Main tab and enable the 'Keyboard Order Entry' setting. This will display a simple order ticket at the bottom of the Quote Board.

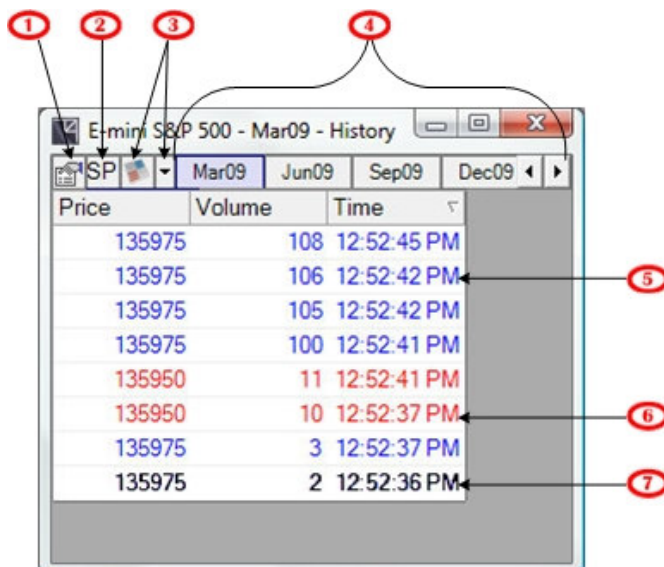
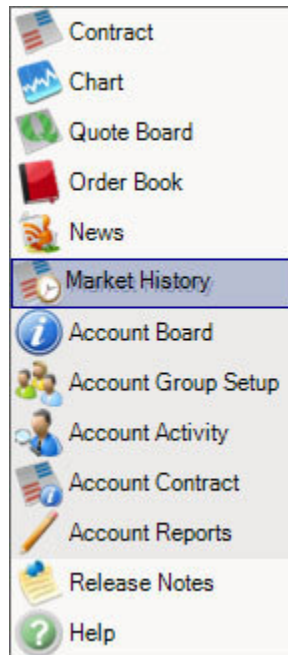





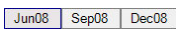



# Market History

The Market History window lists trades as they occur for the current market. Each trade will have a price, volume, and time. The color of the text indicates whether it was a bid or offer that completed the trade (second half of the trade).

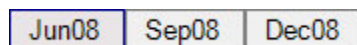
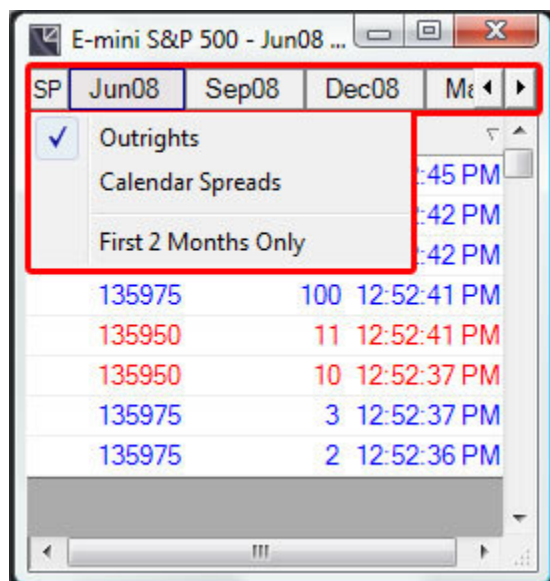
Switch between market months by using the market tab at the top of the Market History window.

To open a new Market History window, Click the **Market History** option from the Main window's [New Item Menu](#).



①		Properties	Brings up the properties for the Market History
②		Strategy Activation	Click here to choose how many contract months and which strategies you want to display in the market history window
③		New Screen drop down	Brings up a contract window, a new chart, a second market history window, or an account contract window.
④		View Tabs	Displays different months
⑤		Blue Font	Indicates the lifting of the offer
⑥		Red Font	Indicates selling the bid
⑦		Black Font	Indicates an implied spread trade or a trade that could not be determined if it was initiated by a buy or a sell

## Switching Markets



The market tabs are used to switch between a contract's available markets. Simply click the tab for the market you desire to see. If you want to see multiple markets for the same contract at the same time create a new Market History window and set the desired market.

SP

☒ Outrights

☐ Calendar Spreads

☐ First 2 Months Only

The Spread dropdown allows you to choose whether or not strategies are visible in the Market Tab Strip. If a contract has no spreads available then the ‘SP’ button will not be displayed. The SP dropdown will display all available strategy options for that market. If you do not want to see all the available markets choose the first 2 months only option.

## Columns

E-mini S&P 500 - Jun08 ...

SP	Jun08	Sep08	Dec08	◀ ▶
Price	Volume	Time		
135975	108	12:52:45 PM		
135975	106	12:52:42 PM		
135975	105	12:52:42 PM		
135975	100	12:52:41 PM		
135950	11	12:52:41 PM		
135950	10	12:52:37 PM		
135975	3	12:52:37 PM		
135975	2	12:52:36 PM		

*Price*            The price of the trade.

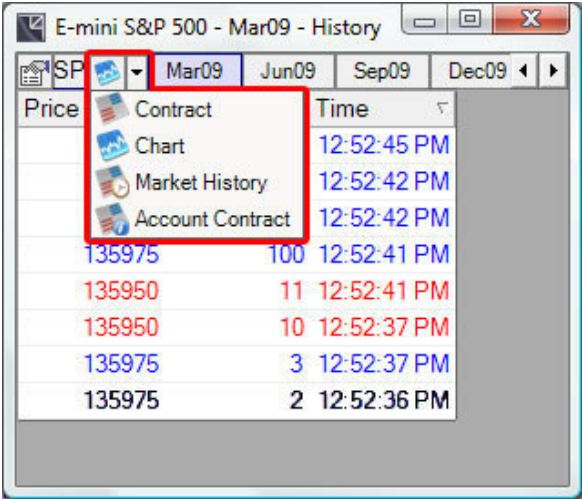
*Volume*        The size of the trade.

*Time*            The time of the trade.

## Column Layout

The Market History’s [column layout](#) is fully customizable. Drag the column header to move, drag the column header side border to resize, and click the column header to resort.

# New Screen Drop Down



You can create different windows directly from the market depth window. Click the dropdown button to choose from a contract window, a new chart, a second market history window, or an account contract window.



Drop Down Arrow

Click the drop down arrow to choose a window



Contract Window

Select Contract to pull up a new contract window for the current contract



Chart Window

Select Chart to pull up a new chart window for the current contract



Market History Window

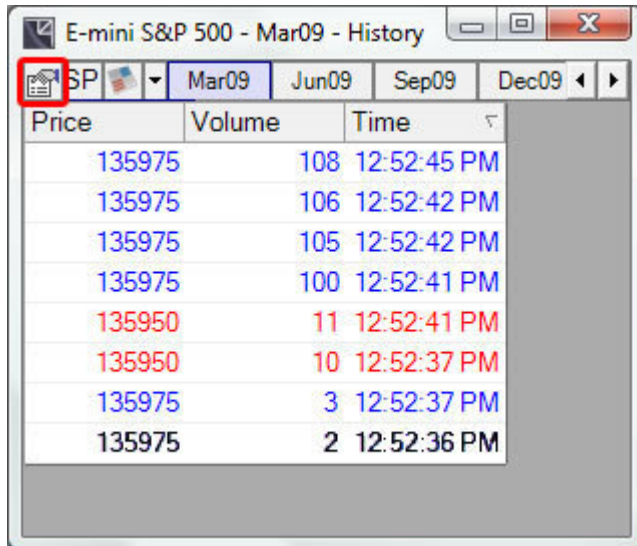
Select Market History to pull up a new instance of the Market History window for the current contract



Account Contract

Select Account Contract to pull up a new Account Contract window for the current contract

## Market History Properties



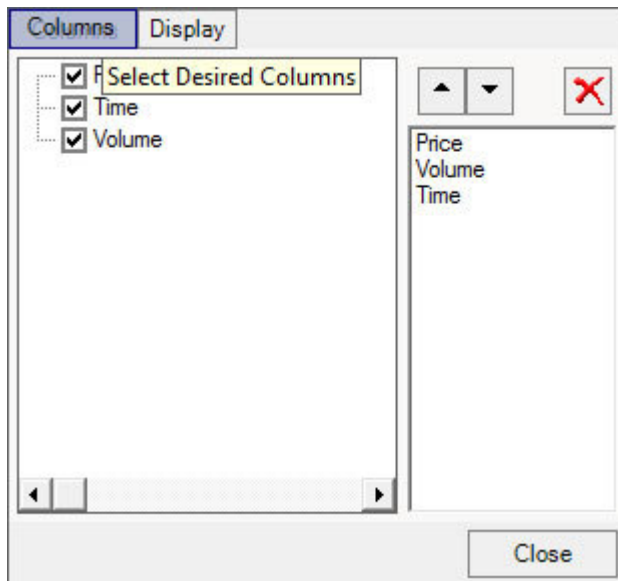
Price	Volume	Time
135975	108	12:52:45 PM
135975	106	12:52:42 PM
135975	105	12:52:42 PM
135975	100	12:52:41 PM
135950	11	12:52:41 PM
135950	10	12:52:37 PM
135975	3	12:52:37 PM
135975	2	12:52:36 PM

The Market History property pages are used to further customize how information is displayed. Columns can be added, removed, and reordered. The view's font can also be increased or decreased.



Click the Properties button in the upper left corner of the Market History window to open the Market History Properties.

### I. Columns Tab



The columns tab is used to add, remove, and reorder Market History columns.



Add or remove columns from the view by checking their corresponding boxes in the left pane.

---



Change the order in which columns are displayed by selecting a column in the right pane and clicking the up or down arrows.

---



Remove a column by selecting it in the right pane and clicking the delete button.

---

## II. *Display Tab*

The screenshot shows a dialog box titled 'Columns' and 'Display'. The 'Display' tab is selected. Under 'Window Name', there is a text input field with the text 'E-mini S&P 500 - Mar09 - History' and two buttons, 'Apply' and 'Reset'. Under 'Grid Font Size', there are three buttons: a '+' button, a '-' button, and a 'Reset' button. At the bottom right of the dialog is a 'Close' button.

The display tab is used to override the default grid font. You are able to set a custom font size for a specific Market History window.

---

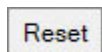
Window Name	Change the name of the market history window, or reset it to the default name.
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Increase or decrease the grid font size.

---



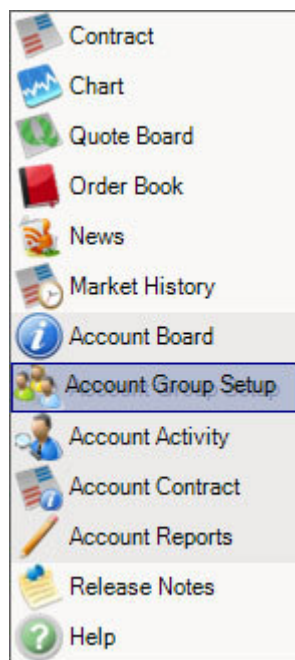
Reset the grid font to the system default.

---

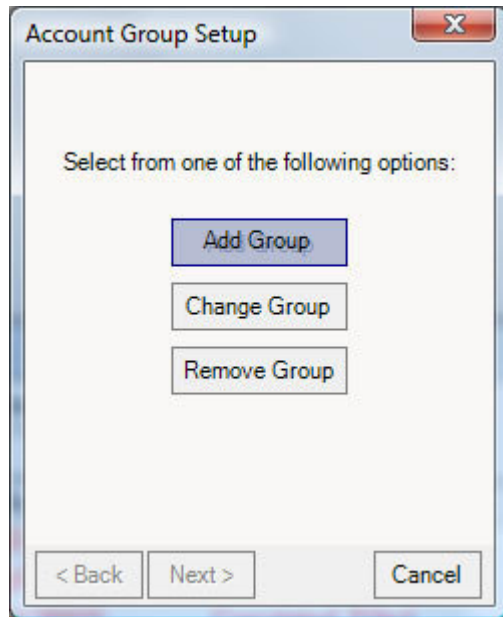
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## Account Group

The Account Group window allows you to trade different quantities for multiple accounts with one click. To open a new Account Group window, Click the Account Group option from the Main window's [New Item Menu](#). You must be assigned two or more accounts for the Account Group option to be displayed in the New Item Menu.



### Add a Group



Account Group Setup

Select from one of the following options:

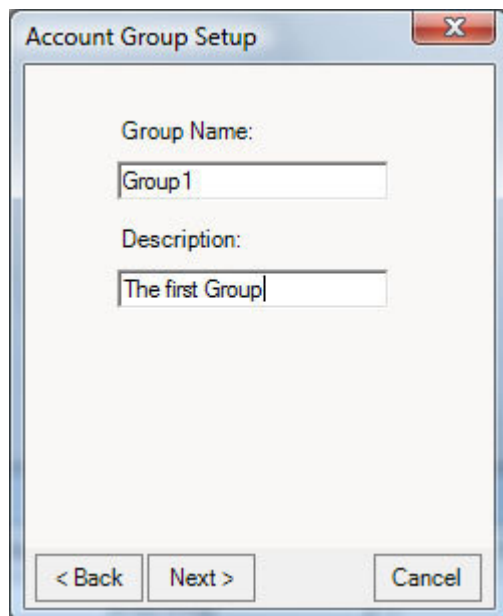
Add Group

Change Group

Remove Group

< Back   Next >   Cancel

To add a group, click on the Add Group button.



Account Group Setup

Group Name:

Group1

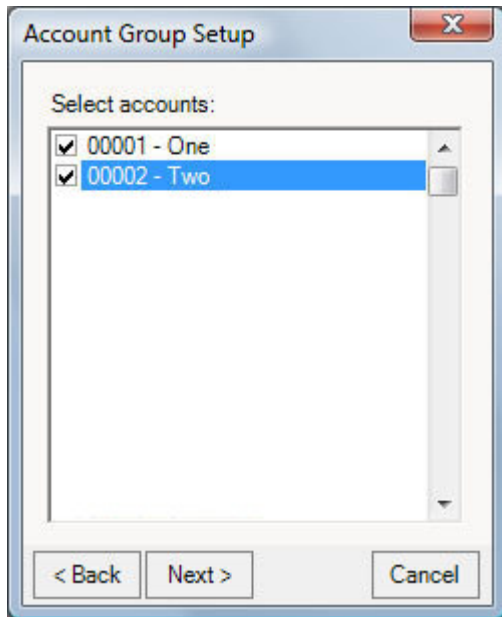
Description:

The first Group

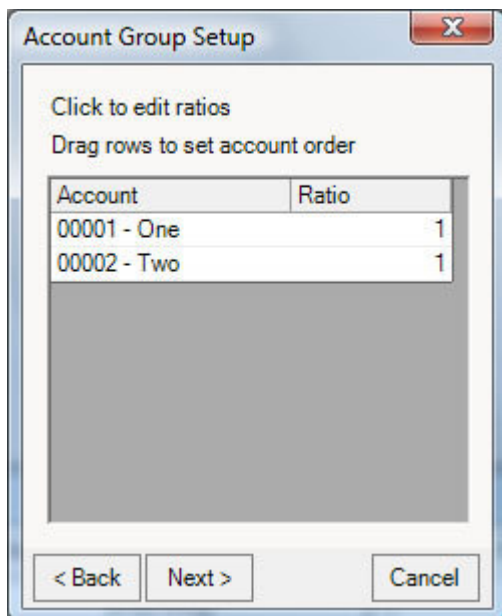
< Back   Next >   Cancel

Type in a Group Name and Group Description. You must have at least 5 characters for a Group Name and one character for the description.

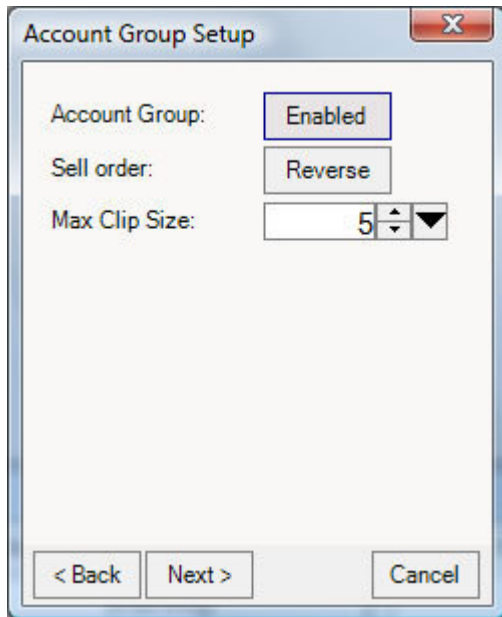




Select which accounts to add in the group.



This section allows the user to set up different ratios for each account. The accounts are filled in the order in which they are shown in this list. The order may be changed by dragging an account up or down the list. The ratio is the multiplier used when deciding the quantity for each account. The volume that you enter into the market will then be multiplied by each accounts ratio. For example, If you click a 2 lot into the market each account will have a 2 lot working in the market. If the ratio was 3 and you entered a 2 lot, each account would have a 6 lot working in the market. These ratios can be changed at any time.



Account Group Setup

Account Group:

Sell order:

Max Clip Size:

< Back   Next >   Cancel

Account Group: Must Enable the group



Sell Order: To reverse the order in which the accounts receive the fills after a buy.



Max Clip Size: The max order size that can be entered for the group. For example, if the max clip size is 5 and your ratio is one, then each account will get a 5 lot.

You must save the settings.

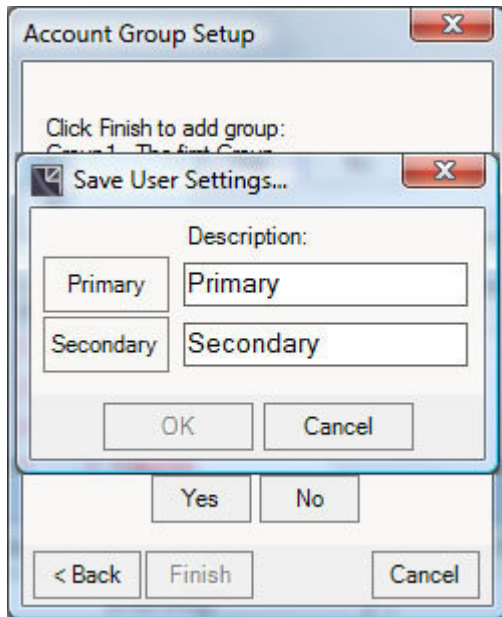


Account Group Setup

Click Finish to add group:  
Group1 - The first Group.

Save my user settings so that account group changes are remembered

< Back   Finish   Cancel

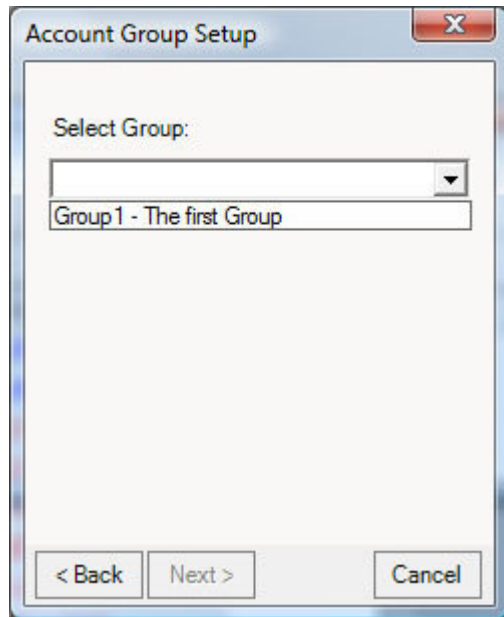


If you have dual layout enabled, then select primary or secondary to save the Account group.

## Change a Group



To change a group, click on the Change Group button.



Account Group Setup

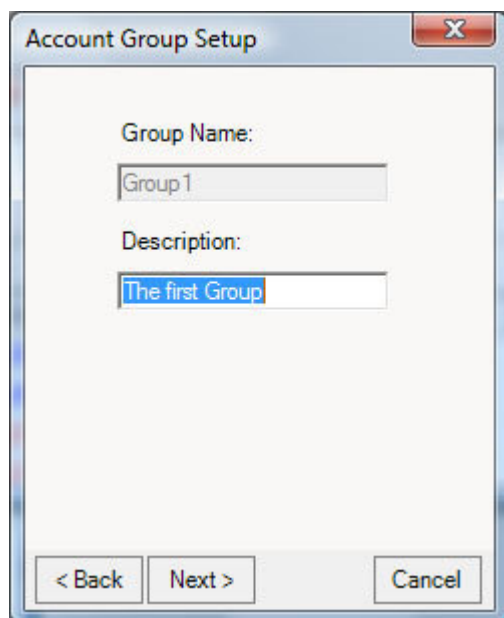
Select Group:

Group 1 - The first Group

< Back   Next >   Cancel

This is a Windows-style dialog box titled "Account Group Setup". It features a "Select Group:" label above a list box. The list box contains one item, "Group 1 - The first Group". At the bottom, there are three buttons: "< Back", "Next >", and "Cancel".

Select the Group that you want to change.



Account Group Setup

Group Name:  
Group 1

Description:  
The first Group

< Back   Next >   Cancel

This is a second "Account Group Setup" dialog box. It has two text input fields. The first is labeled "Group Name:" and contains the text "Group 1". The second is labeled "Description:" and contains the text "The first Group". At the bottom, there are three buttons: "< Back", "Next >", and "Cancel".

Change the Name or description.

Account Group Setup

Select accounts:

- ☒ 00001 - One
- ☒ 00002 - Two
- ☒ 10000 - CTS1

< Back   Next >   Cancel

Add or delete accounts for the group.

Account Group Setup

Click to edit ratios  
Drag rows to set account order

Account	Ratio
00001 - One	1
00002 - Two	1
10000 - CTS1	1

< Back   Next >   Cancel

Change the ratio for each account.

Account Group Setup

Account Group: Enabled

Sell order: Same

Max Clip Size: 10

< Back   Next >   Cancel

Account Group:

Enabled   Disabled

Sell Order:

Same   Reverse

Max Clip Size: Change the max clip size for the group

Account Group Setup

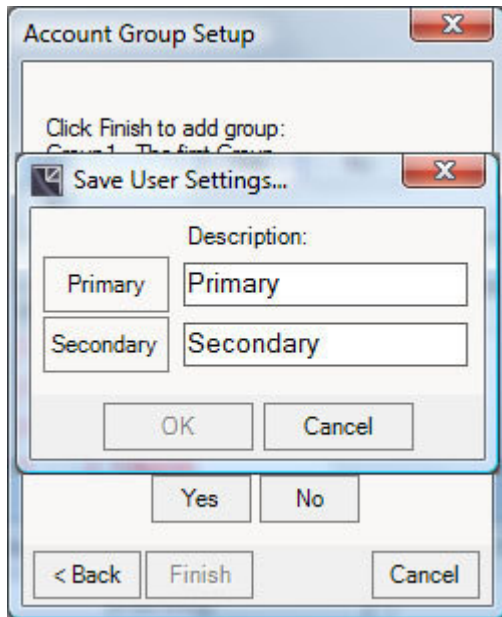
Click Finish to update group:  
Group1 - The first Group.

Save my user settings so that account  
group changes are remembered

Yes   No

< Back   Finish   Cancel

Save the group settings.

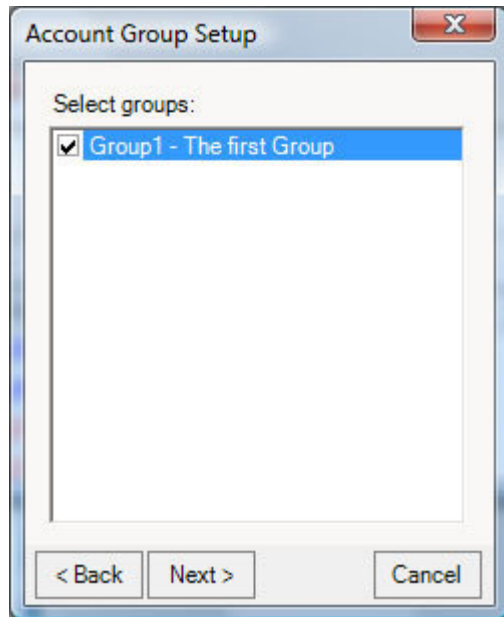


Save as primary or secondary screen.

## Remove a Group



To remove a group, click on the Remove Group button.

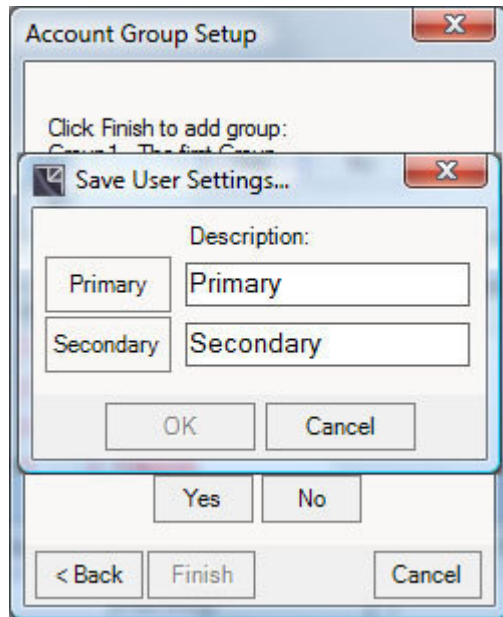


Select the group(s) you wish to delete.



Save the settings.

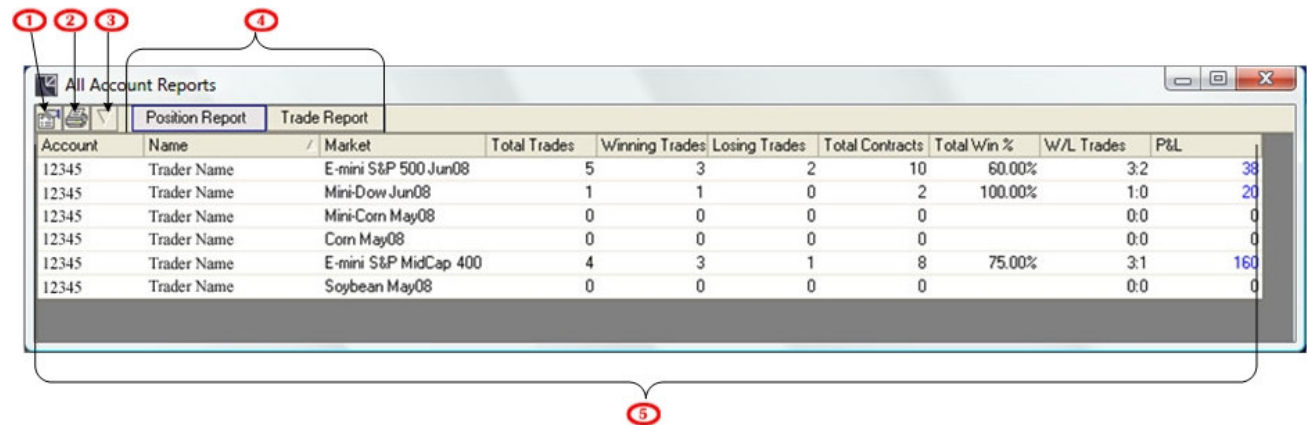
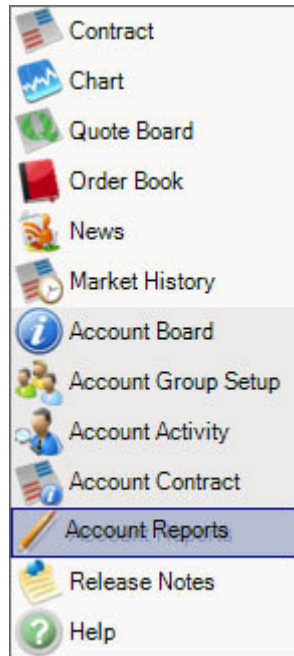




Save as primary or secondary screen.

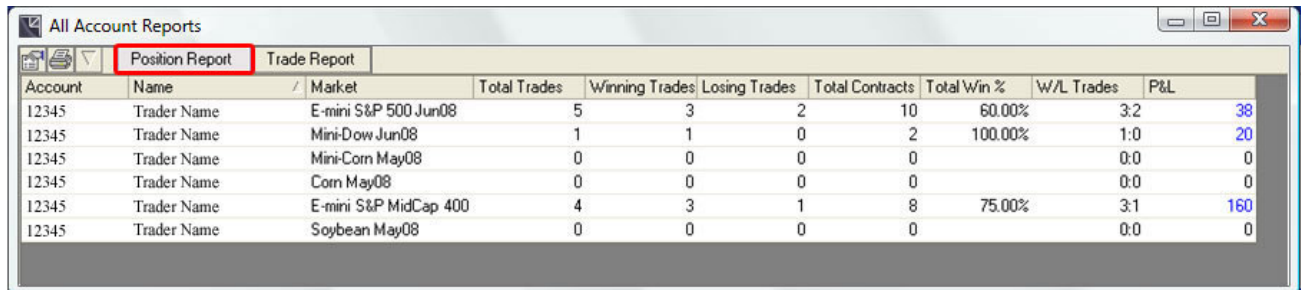
# Account Reports

The Account Reports window provides detailed trading reports. To open a new Account Reports window, Click the Account Reports option from the Main window's [New Item Menu](#).



1		Properties	Brings up the properties for the Account Reports
2		Print	Prints the report
3		Default Sort	Reverts the columns back to the default sort.
4		View Tabs	Choose among various reports
5	Report Information	Report Information	All trades are matched on a FIFO method to produce these reports

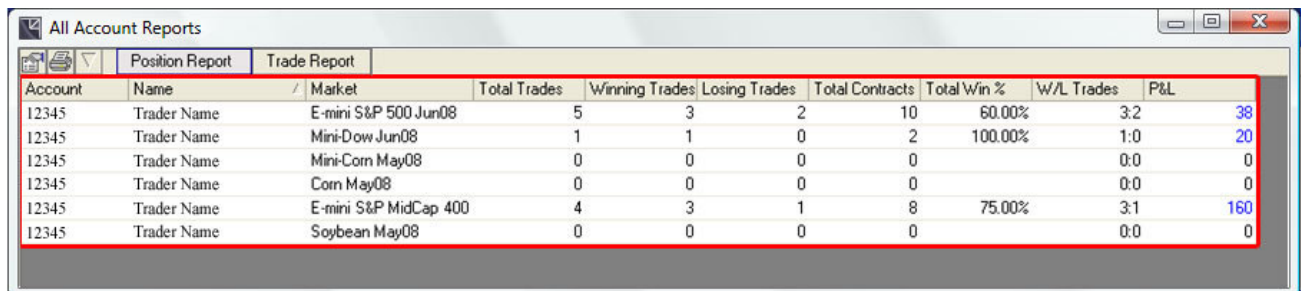
## Position Report



Account	Name	Market	Total Trades	Winning Trades	Losing Trades	Total Contracts	Total Win %	W/L Trades	P&L
12345	Trader Name	E-mini S&P 500 Jun08	5	3	2	10	60.00%	3:2	38
12345	Trader Name	Mini-Dow Jun08	1	1	0	2	100.00%	1:0	20
12345	Trader Name	Mini-Corn May08	0	0	0	0		0:0	0
12345	Trader Name	Corn May08	0	0	0	0		0:0	0
12345	Trader Name	E-mini S&P MidCap 400	4	3	1	8	75.00%	3:1	160
12345	Trader Name	Soybean May08	0	0	0	0		0:0	0

The position report provides a detailed breakdown of position changes for a trading session.

### I. Columns



Account	Name	Market	Total Trades	Winning Trades	Losing Trades	Total Contracts	Total Win %	W/L Trades	P&L
12345	Trader Name	E-mini S&P 500 Jun08	5	3	2	10	60.00%	3:2	38
12345	Trader Name	Mini-Dow Jun08	1	1	0	2	100.00%	1:0	20
12345	Trader Name	Mini-Corn May08	0	0	0	0		0:0	0
12345	Trader Name	Corn May08	0	0	0	0		0:0	0
12345	Trader Name	E-mini S&P MidCap 400	4	3	1	8	75.00%	3:1	160
12345	Trader Name	Soybean May08	0	0	0	0		0:0	0

By default the most common columns are visible in the Position Report. Many more columns are available and can be added in the Position Report properties.

#### Default Columns

**Account** Account number for the order

**Name** T4 User Name

<b><i>Market</i></b>	The market for the order.
<b><i>Total Trades</i></b>	Total number of trades for that market.
<b><i>Winning Trades</i></b>	Number of winning trades for that market
<b><i>Losing Trades</i></b>	Number of losing trades for that market
<b><i>Total Contracts</i></b>	Total number of contracts traded for that market
<b><i>Total Win %</i></b>	Percentage of winning trades for that market
<b><i>W/L Trades</i></b>	Ratio of winning versus losing trades
<b><i>P&amp;L</i></b>	Profit and Loss for that market

---

#### **Other Columns**

<b><i>Avg. Loss</i></b>	<i>Average loss of your losing trade in the currency of the position.</i>
<b><i>Avg. PL Per Trade</i></b>	<i>Average Profit or loss of each trade</i>
<b><i>Avg .Win</i></b>	<i>Average gain of your winning trade in the currency of the position</i>
<b><i>Breakeven Trades</i></b>	<i>How many trades you scratched</i>
<b><i>W/L Contracts</i></b>	<i>How many contracts were winners versus losers</i>

---

#### **Advanced Columns**

<b><i>Avg Trade Duration</i></b>	How long on average you were in a trade
<b><i>Long Trades</i></b>	How many trades you opened with a buy
<b><i>Long Win %</i></b>	Percentage of long winning trades
<b><i>Short Trades</i></b>	How many trades you opened with a sell
<b><i>Short Win %</i></b>	Percentage of short winning trades
<b><i>W/L Contracts Dec</i></b>	Winning versus losing contracts as a decimal
<b><i>W/L Trades Dec</i></b>	Winning versus losing trades as a decimal

## Trade Report



Account	Name	Market	Open Time	P&L	Open Price	Open Volume	Close Price	Close Volume	Open / Closed	Long / Short
12345	Name	E-mini S&P MidCap 400	09:00:10	40	79100	1	79060	1	Closed	Short
12345	Name	E-mini S&P MidCap 400	09:00:01	10	79000	1	78990	1	Closed	Short
12345	Name	E-mini S&P 500 Jun08	08:57:03	-13	134400	1	134425	1	Closed	Short
12345	Name	E-mini S&P MidCap 400	08:56:54	130	78850	1	78980	1	Closed	Long
12345	Name	E-mini S&P 500 Jun08	08:56:50	-63	134325	1	134450	1	Closed	Short
12345	Name	E-mini S&P 500 Jun08	08:55:41	13	134250	1	134225	1	Closed	Short
12345	Name	Mini-Dow Jun08	08:31:00	20	12409	1	12405	1	Closed	Short
12345	Name	E-mini S&P 500 Jun08	07:59:13	75	133925	1	133775	1	Closed	Short
12345	Name	E-mini S&P MidCap 400	07:56:20	-20	78720	1	78700	1	Closed	Long

The trade report provides a detailed breakdown of individual trades for a trading session.

## II. Columns

Account	Name	Market	Open Time	P&L	Open Price	Open Volume	Close Price	Close Volume	Open / Closed	Long / Short
12345	Name	E-mini S&P MidCap 400	09:00:10	40	79100	1	79060	1	Closed	Short
12345	Name	E-mini S&P MidCap 400	09:00:01	10	79000	1	78990	1	Closed	Short
12345	Name	E-mini S&P 500 Jun08	08:57:03	-13	134400	1	134425	1	Closed	Short
12345	Name	E-mini S&P MidCap 400	08:56:54	130	78850	1	78980	1	Closed	Long
12345	Name	E-mini S&P 500 Jun08	08:56:50	-63	134325	1	134450	1	Closed	Short
12345	Name	E-mini S&P 500 Jun08	08:55:41	13	134250	1	134225	1	Closed	Short
12345	Name	Mini-Dow Jun08	08:31:00	20	12409	1	12405	1	Closed	Short
12345	Name	E-mini S&P 500 Jun08	07:59:13	75	133925	1	133775	1	Closed	Short
12345	Name	E-mini S&P MidCap 400	07:56:20	-20	78720	1	78700	1	Closed	Long

By default the most common columns are visible in the Trade Report. Many more columns are available and can be added in the Trade Report properties.

### Default Columns

<b>Account</b>	Account number for the order
<b>Name</b>	.T4 User Name
<b>Market</b>	The market for the order.
<b>Open Time</b>	The time the position was opened
<b>P&amp;L</b>	Profit or loss on the trade
<b>Open Price</b>	The price that the contract was bought or sold to initiate a position
<b>Open Volume</b>	The number of contracts bought or sold to initiate a position
<b>Close Price</b>	The price the contract was bought or sold to close out the position
<b>Close Volume</b>	The number of contracts bought or sold to close out a position
<b>Open / Closed</b>	Whether the position is currently open or has been closed. NOT whether the order was submitted with the open/close interest flag.

---

**Long / Short**      Indicates if you have a long or short position

---

---

### Other Columns

---

**Close Date**      Date that you closed out the position

---

**Close Time**      The time you closed out the position

---

**Duration**      How long you had the trade open

---

**Open Date**      Date that you started the position

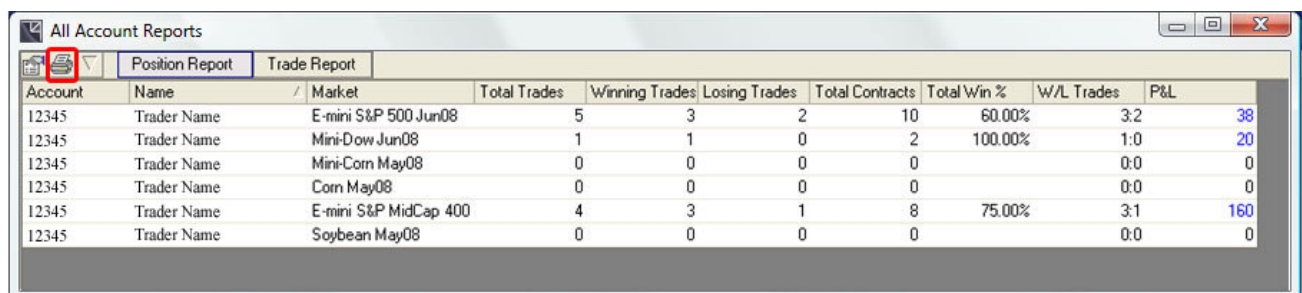
---

## Column Layout

The Account Report [column layout](#) is fully customizable. Drag the column header to move, drag the column header side border to resize, and click the column header to resort.

---

## Printing



Account	Name	Market	Total Trades	Winning Trades	Losing Trades	Total Contracts	Total Win %	W/L Trades	P&L
12345	Trader Name	E-mini S&P 500 Jun08	5	3	2	10	60.00%	3:2	38
12345	Trader Name	Mini-Dow Jun08	1	1	0	2	100.00%	1:0	20
12345	Trader Name	Mini-Corn May08	0	0	0	0		0:0	0
12345	Trader Name	Corn May08	0	0	0	0		0:0	0
12345	Trader Name	E-mini S&P MidCap 400	4	3	1	8	75.00%	3:1	160
12345	Trader Name	Soybean May08	0	0	0	0		0:0	0

The print button allows you to print directly from Account Reports. You can print as many or as few lines as you want.

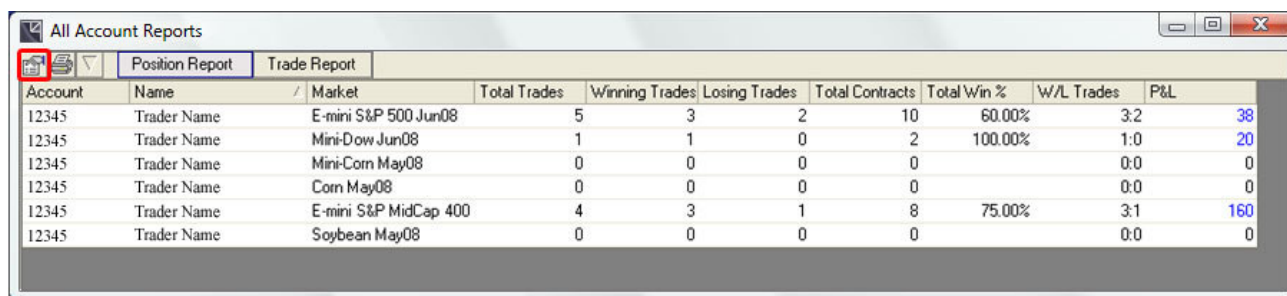
Select the desired orders in the Order Book and then click the print button. To print the entire report leave all the orders unselected and then click the print button.



Click the print button in the upper left corner of the Account Report to open a print preview window.

**Note:** A printer must be installed and configured in order to take advantage of the Print functionality

## Account Reports Properties



All Account Reports										
Position Report			Trade Report							
Account	Name	Market	Total Trades	Winning Trades	Losing Trades	Total Contracts	Total Win %	W/L Trades	P&L	
12345	Trader Name	E-mini S&P 500 Jun08	5	3	2	10	60.00%	3:2	38	
12345	Trader Name	Mini-Dow Jun08	1	1	0	2	100.00%	1:0	20	
12345	Trader Name	Mini-Corn May08	0	0	0	0		0:0	0	
12345	Trader Name	Corn May08	0	0	0	0		0:0	0	
12345	Trader Name	E-mini S&P MidCap 400	4	3	1	8	75.00%	3:1	160	
12345	Trader Name	Soybean May08	0	0	0	0		0:0	0	

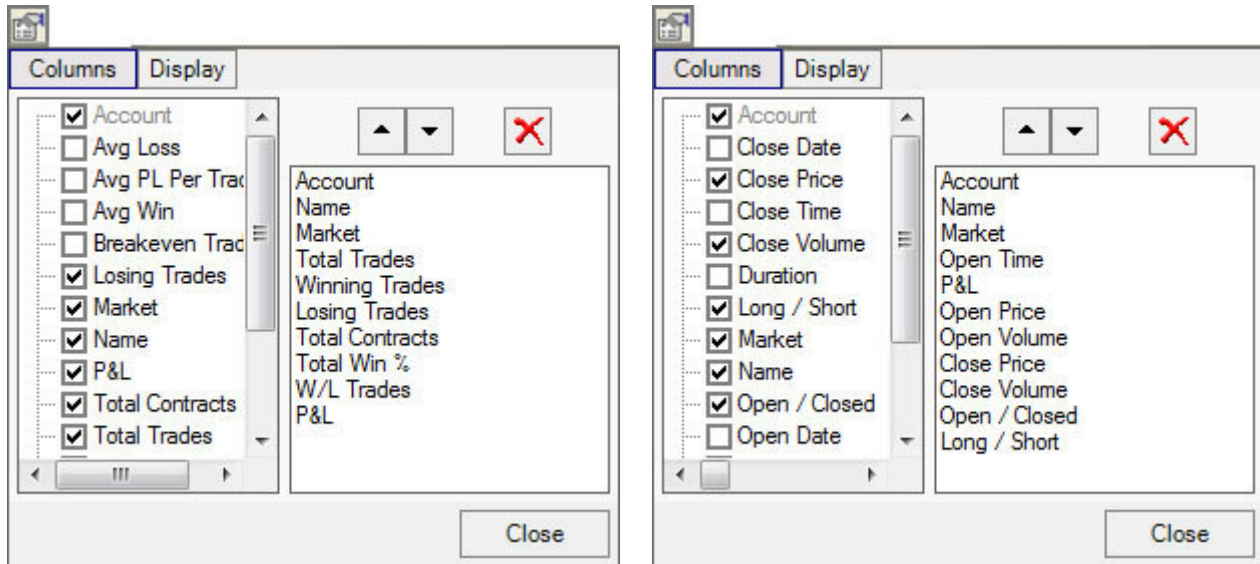
The Account Report property pages are used to further customize how information is displayed. Columns can be added, removed, and reordered. The view's font can also be increased or decreased.



Click the Properties button in the upper left corner of the Account Report Window to open the Account Report Properties.

### I. Columns Tab







The columns tab is used to add, remove, and reorder Account Report columns.

- 
- ☒ Add or remove columns from the view by checking their corresponding boxes in the left pane.

---

  -  Change the order in which columns are displayed by selecting a column in the right pane and clicking the up or down arrows.

---

  -  Remove a column by selecting it in the right pane and clicking the delete button.

---

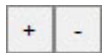
## II. *Display Tab*

The display tab is used to override the default grid font. You are able to set a custom font size for a specific Account Report.

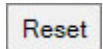
---

Window Name	Change the name of the account reports window, or reset it to the default name.
-------------	---

---



Increase or decrease the grid font size.



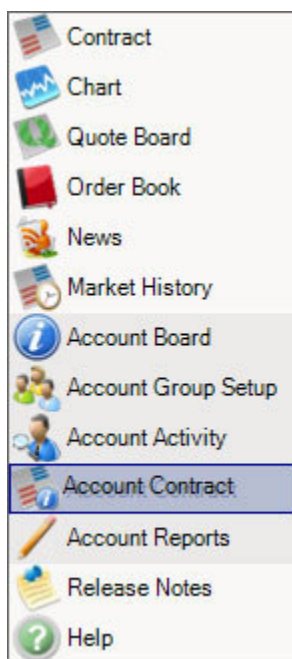
Reset the grid font to the system default.

---

---

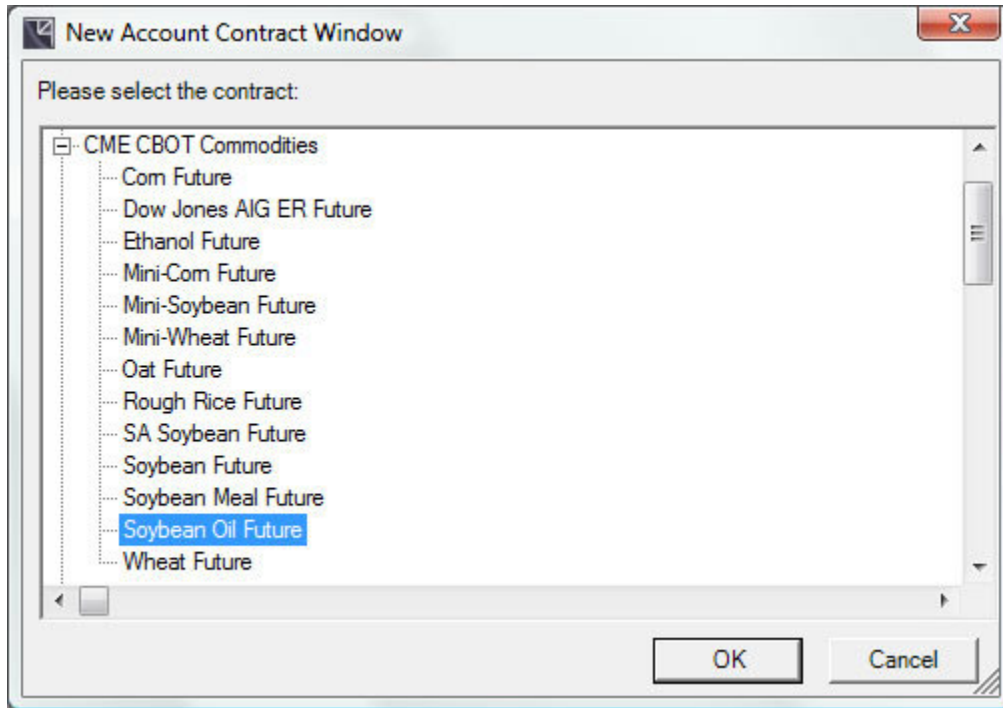
## Account Contract

The Account Contract window provides a breakdown of your strategies by month and adds in the outrights you traded in each month for a specific market. To open a new Account Contract window, Click the Account Contract option from the Main window's [New Item Menu](#).

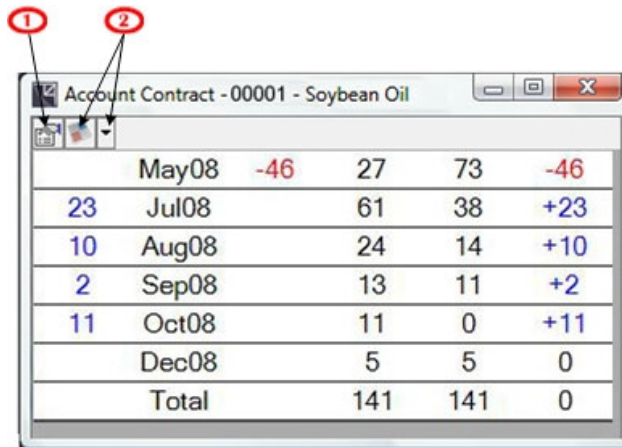




### Selecting a Contract

When you select the Account contract window option from the menu bar, you will automatically be prompted to select a contract. Select contract type from the list.



Select the contract you want to open in the New Account Contract window



1		Properties	Brings up the properties for the Account Contract window
2		New Screen drop down	Brings up a contract window, a new chart, a market history window, or a second account contract window.

## Columns

Long	Month	Short	Buys	Sells	Net
	May08	-46	27	73	-46
23	Jul08		61	38	+23
10	Aug08		24	14	+10
2	Sep08		13	11	+2
11	Oct08		11	0	+11
	Dec08		5	5	0
	Total		141	141	0

By default the most common columns are visible in the Account Contract window. Many more columns are available and can be added in the Account Contract window properties.

### Default Columns

---

**Long**                      The net number of longs for that month

---

**Month**                      The month of the contract

---

**Short**                      The number of shorts for that month

---

**Buys**                      Total number of buys for that month

---

**Sells**                      Total number of sells for that month

---

**Net**                      The net of the buys and sells for each month

---

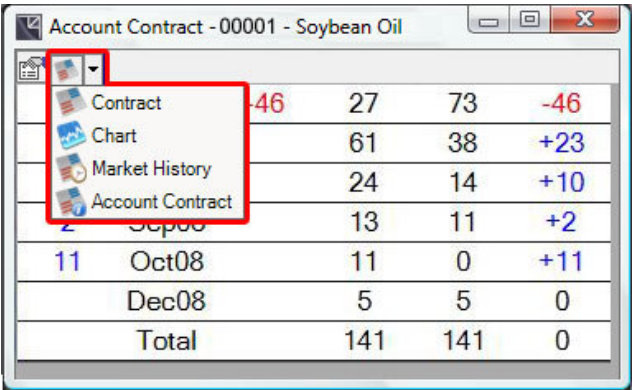
### Other Columns

---

**Expiry Date**              Date the contract expires

---

# New Screen Drop Down



You can create windows directly from the market depth window. Click the dropdown button to choose from a contract window, a new chart, a second market history window, or an account contract window.



Drop Down Arrow

Click the drop down arrow to choose a window



Contract Window

Select Contract to pull up a new contract window for the current contract



Chart Window

Select Chart to pull up a new chart window for the current contract



Market History Window

Select Market History to pull up a new instance of the Market History window for the current contract



Account Contract

Select Account Contract to pull up a new Account Contract window for the current contract

## Account Contract Properties

Account Contract - 00001 - Soybean Oil					
	May08	-46	27	73	-46
23	Jul08		61	38	+23
10	Aug08		24	14	+10
2	Sep08		13	11	+2
11	Oct08		11	0	+11
	Dec08		5	5	0
	Total		141	141	0



Click the Properties button in the upper left corner of the Account Report Window to open the Account Report Properties.

## I. Columns Tab

Columns

Display

☒ Buys  
☐ Expiry Date  
☒ Long  
☒ Month  
☒ Net  
☒ Sells  
☒ Short

▲

▼

✖

Long  
Month  
Short  
Buys  
Sells  
Net

Close

The columns tab is used to add, remove, and reorder Account Contract columns.



Add or remove columns from the view by checking their corresponding boxes in the left pane.



Change the order in which columns are displayed by selecting a column in the right pane and clicking the up or down arrows.

---



Remove a column by selecting it in the right pane and clicking the delete button.

---

## II. *Display Tab*

The screenshot shows a dialog box with two tabs: 'Columns' and 'Display'. The 'Display' tab is active. It contains a 'Window Name' section with a text input field containing 'E-mini NASDAQ Comp - Account Contract', and 'Apply' and 'Reset' buttons. Below this is a 'Grid Font Size' section with '+' and '-' buttons and a 'Reset' button. A 'Close' button is located at the bottom right of the dialog.

The display tab is used to override the default grid font. You are able to set a custom font size for a specific Account Contract.

---

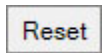
Window Name	Change the name of the account contract window, or reset it to the default name.
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---



Increase or decrease the grid font size.

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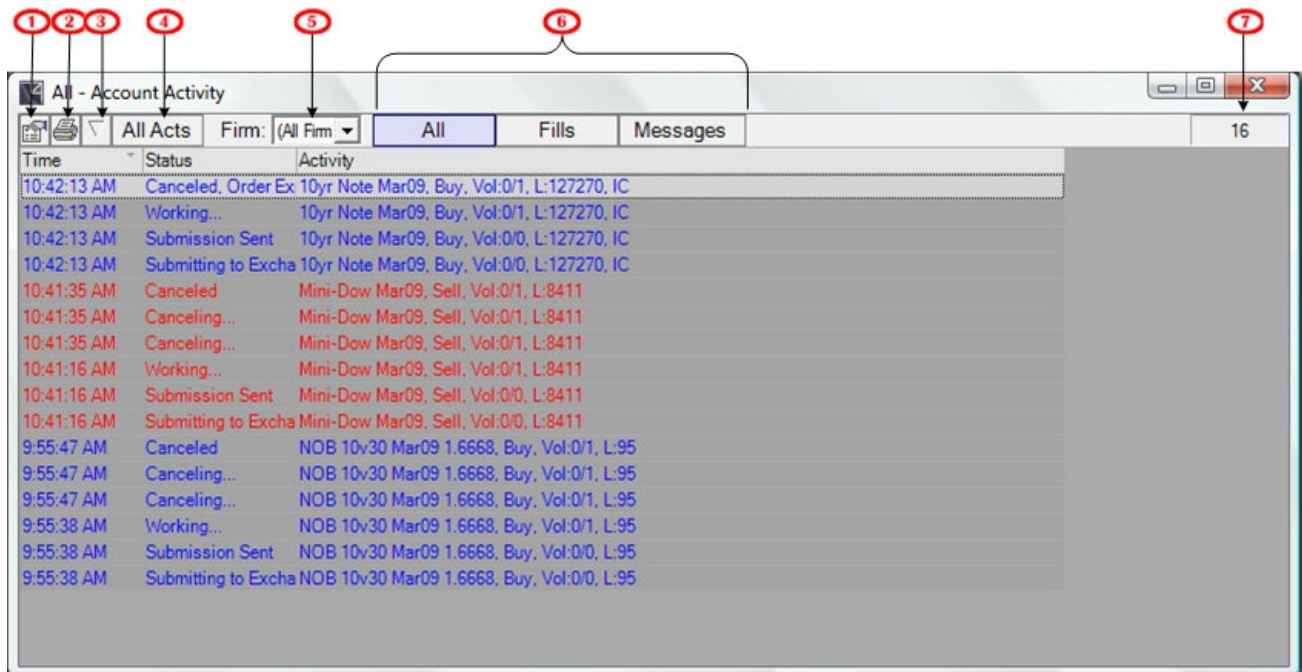
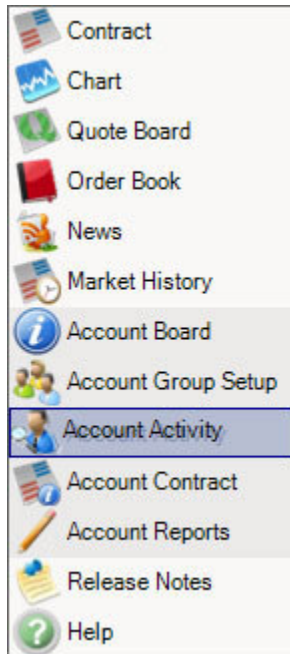
Reset the grid font to the system default.



---





# Account Activity

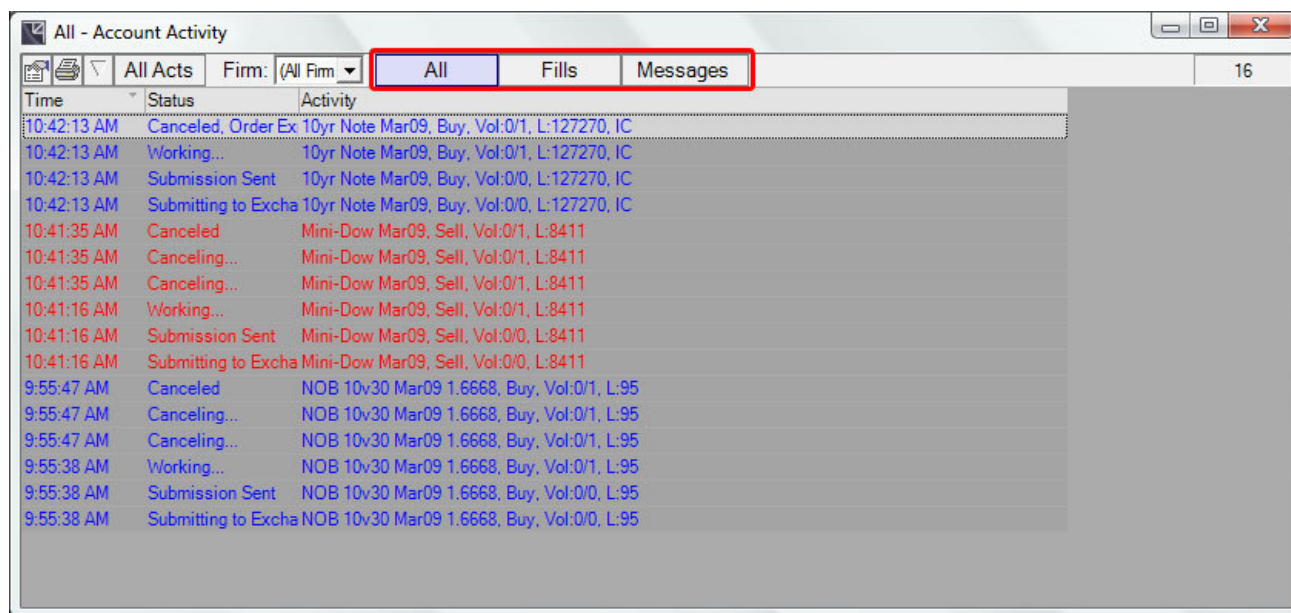
The Account Activity window displays the status of your order and the filled information. To open a new Account Activity window, Click the Account Activity option from the Main window's [New Item Menu](#).



1		Properties	Brings up the properties for the account activity window
2		Print	Print the account activity window (must

			have a printer configured)
3		Default Sort	Revert columns back to the default sort
4	<div>All Acts</div> <div>My Act</div>	Account Toggle	Toggle between viewing orders for all accounts and orders for the Currently Trading Account
5	Firm: (All Firm 	Firm Drop Down	Filter account activity by firm
6	<div>All</div> <div>Fills</div> <div>Messages</div>	View Tabs	Various filtered views of account activity
7	16	Total Number of Rows	The total number of rows displayed in the current view

## View Tabs



The view tabs are used to switch between filtered views of your orders. Simply click the tab for the orders you desire to see. If you want to see multiple views at the same time create a new Account Activity window and set the additional view.

---

**All** All order status events

---

**Fills** Order status events for orders that have been partially or completely filled.

---

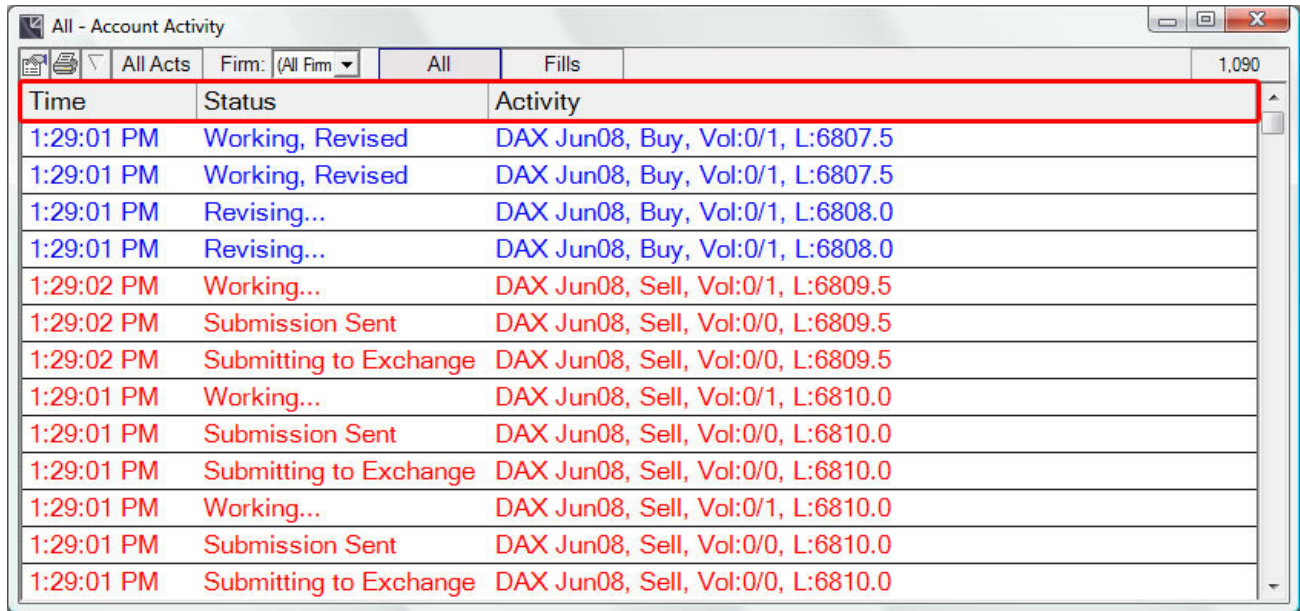
---

**Messages**

Displays messages sent by administrators system wide, to the firm, to a specific account or market information messages sent from the exchanges.

---

## Columns



The screenshot shows a window titled "All - Account Activity". It has a toolbar with icons for print, filter, and other functions. Below the toolbar are tabs: "All Acts", "Firm: (All Firm)", "All", and "Fills". The "All" tab is selected. The table has three columns: "Time", "Status", and "Activity". The table contains 14 rows of data, showing order activity for DAX Jun08. The first two rows are "Working, Revised" (blue text). The next two rows are "Revising..." (blue text). The following rows show "Working...", "Submission Sent", and "Submitting to Exchange" (red text) for sell orders. The table is scrollable, and a count of 1,090 is shown in the top right corner.

Time	Status	Activity
1:29:01 PM	Working, Revised	DAX Jun08, Buy, Vol:0/1, L:6807.5
1:29:01 PM	Working, Revised	DAX Jun08, Buy, Vol:0/1, L:6807.5
1:29:01 PM	Revising...	DAX Jun08, Buy, Vol:0/1, L:6808.0
1:29:01 PM	Revising...	DAX Jun08, Buy, Vol:0/1, L:6808.0
1:29:02 PM	Working...	DAX Jun08, Sell, Vol:0/1, L:6809.5
1:29:02 PM	Submission Sent	DAX Jun08, Sell, Vol:0/0, L:6809.5
1:29:02 PM	Submitting to Exchange	DAX Jun08, Sell, Vol:0/0, L:6809.5
1:29:01 PM	Working...	DAX Jun08, Sell, Vol:0/1, L:6810.0
1:29:01 PM	Submission Sent	DAX Jun08, Sell, Vol:0/0, L:6810.0
1:29:01 PM	Submitting to Exchange	DAX Jun08, Sell, Vol:0/0, L:6810.0
1:29:01 PM	Working...	DAX Jun08, Sell, Vol:0/1, L:6810.0
1:29:01 PM	Submission Sent	DAX Jun08, Sell, Vol:0/0, L:6810.0
1:29:01 PM	Submitting to Exchange	DAX Jun08, Sell, Vol:0/0, L:6810.0

By default the most common columns are visible in a new Account Activity window. Many more columns are available and can be added in the Account Activity Properties.

---

**Default Columns**

---

<b>Time</b>	The time at the various stages of the order
-------------	---

---

<b>Activity</b>	Shows the contract and month, buy/sell, volume of order and price
-----------------	---

---

<b>Status</b>	Status is going to give you the best understanding of what is happening or has happened to your order. A few examples are listed below.
---------------	---

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<i>Sent...</i>	The order has been sent to the market.
----------------	--

<b><i>Working...</i></b>	The order is working in the market.
<b><i>Canceled...</i></b>	The order has been canceled and can no longer be traded against.
<b><i>Completed, Filled</i></b>	The order has been filled to completion. A position has been opened or closed.
<b><i>Rejected, Max Clip Size Exceeded</i></b>	Risk management has rejected your order because you attempted to submit an order with a volume larger than you are allowed to submit.

---

#### Advanced Columns

---

<b>Order Activity</b>	Select Order Activity to automatically select every Advanced Column.
-----------------------	--

---

<b>Account</b>	Account number being traded
----------------	-----------------------------

---

<b>Account Name</b>	Name of the account for the order.
---------------------	------------------------------------

---

<b>Buy/Sell</b>	Whether the order is a buy or a sell.
-----------------	---------------------------------------

---

<b>Change</b>	A description of the last change to the order.
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---

<b>Exchange ID</b>	The exchange executing login ID set by your Administrator.
--------------------	--

---

<b>Fill</b>	Fill price of the order
-------------	-------------------------

---

<b>Fill Volume</b>	The amount of the orders volume that has been filled.
--------------------	---

---

<b>Fills</b>	Orders can be filled at multiple prices. Fill volumes and prices are displayed in a single comma separated list. For example a 5 lot order filled completely at two different prices "3@12345, 2@12346. This tells you that three of the five filled at 12345 and two filled at 12346.
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---

<b>Firm</b>	The firm to which your account has been assigned.
-------------	---

---

<b>Market</b>	The market for the order.
---------------	---------------------------

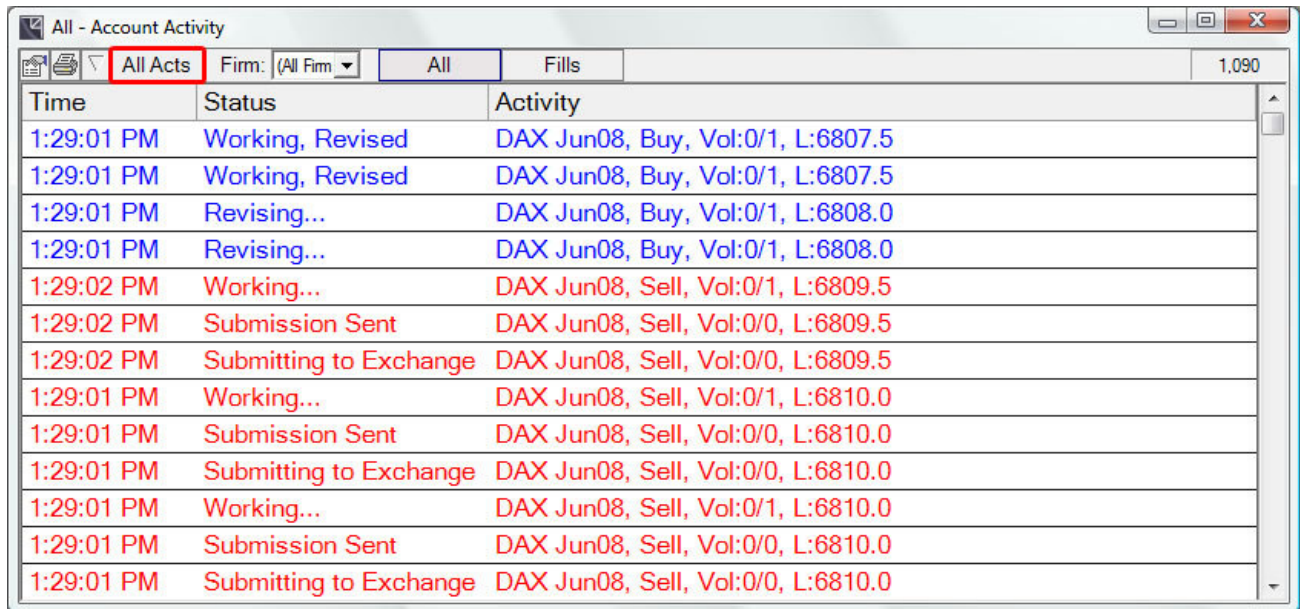
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<b>Order Type</b>	
<i>Limit</i>	The order will trade at the specified price or better.
<i>Market</i>	The order will trade at the best available price.
<i>Stop Limit</i>	Once triggered the order will only fill at the specified limit price or better.
<i>Stop Market</i>	Once triggered the order will fill at the best available price.
<i>Pit</i>	The order is a pit trade and was not submitted to an exchange.
<i>Overnight Position</i>	If Overnight Positions have been enabled by your Administrator orders rolled into a new trading day will have this price type.
<b>Submit Time</b>	The T4 Server order submission time.
<b>Total Fill Volume</b>	Total number of contracts filled
<b>Trade Date</b>	The trade date of the order. This date corresponds with the exchange's trading days. This does not always correspond to the calendar day as different contracts at different exchanges start trading 'tomorrow' at different times 'today'. For example, CME's Mini-Dow contract starts trading for a given trade date at 3:30pm CST the evening before.
<b>User Name</b>	The name of the user that submitted or last changed the order. This is useful when multiple users are setup to trade the same accounts.
<b>Volume</b>	Displays the number of fills out of the total volume. For example "4 / 25" means that you have filled 4 lots out of a 25 lot order.
<b>Working Volume</b>	The volume that is still working in the market.

## Column Layout

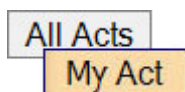
The Account Activity's [column layout](#) is fully customizable. Drag the column header to move, drag the column header side border to resize, and click the column header to resort.

## Account Toggle



Time	Status	Activity
1:29:01 PM	Working, Revised	DAX Jun08, Buy, Vol:0/1, L:6807.5
1:29:01 PM	Working, Revised	DAX Jun08, Buy, Vol:0/1, L:6807.5
1:29:01 PM	Revising...	DAX Jun08, Buy, Vol:0/1, L:6808.0
1:29:01 PM	Revising...	DAX Jun08, Buy, Vol:0/1, L:6808.0
1:29:02 PM	Working...	DAX Jun08, Sell, Vol:0/1, L:6809.5
1:29:02 PM	Submission Sent	DAX Jun08, Sell, Vol:0/0, L:6809.5
1:29:02 PM	Submitting to Exchange	DAX Jun08, Sell, Vol:0/0, L:6809.5
1:29:01 PM	Working...	DAX Jun08, Sell, Vol:0/1, L:6810.0
1:29:01 PM	Submission Sent	DAX Jun08, Sell, Vol:0/0, L:6810.0
1:29:01 PM	Submitting to Exchange	DAX Jun08, Sell, Vol:0/0, L:6810.0
1:29:01 PM	Working...	DAX Jun08, Sell, Vol:0/1, L:6810.0
1:29:01 PM	Submission Sent	DAX Jun08, Sell, Vol:0/0, L:6810.0
1:29:01 PM	Submitting to Exchange	DAX Jun08, Sell, Vol:0/0, L:6810.0


The account toggle is only useful if you have multiple accounts. By clicking the toggle you switch between viewing the orders for just the Currently Trading Account and the orders for all your accounts. This can help you focus on the specific trading account.



Toggle between viewing orders for all accounts and orders for the Currently Trading Account.

## Printing



All - Account Activity			1,090
	All Acts	Firm: (All Firm) All Fills	
Time	Status	Activity	
1:29:01 PM	Working, Revised	DAX Jun08, Buy, Vol:0/1, L:6807.5	
1:29:01 PM	Working, Revised	DAX Jun08, Buy, Vol:0/1, L:6807.5	
1:29:01 PM	Revising...	DAX Jun08, Buy, Vol:0/1, L:6808.0	
1:29:01 PM	Revising...	DAX Jun08, Buy, Vol:0/1, L:6808.0	
1:29:02 PM	Working...	DAX Jun08, Sell, Vol:0/1, L:6809.5	
1:29:02 PM	Submission Sent	DAX Jun08, Sell, Vol:0/0, L:6809.5	
1:29:02 PM	Submitting to Exchange	DAX Jun08, Sell, Vol:0/0, L:6809.5	
1:29:01 PM	Working...	DAX Jun08, Sell, Vol:0/1, L:6810.0	
1:29:01 PM	Submission Sent	DAX Jun08, Sell, Vol:0/0, L:6810.0	
1:29:01 PM	Submitting to Exchange	DAX Jun08, Sell, Vol:0/0, L:6810.0	
1:29:01 PM	Working...	DAX Jun08, Sell, Vol:0/1, L:6810.0	
1:29:01 PM	Submission Sent	DAX Jun08, Sell, Vol:0/0, L:6810.0	
1:29:01 PM	Submitting to Exchange	DAX Jun08, Sell, Vol:0/0, L:6810.0	


The print button allows you to print directly from the Account Activity window. You can print as many or as few orders as you want. Select the desired orders in the Account Activity and then click the print button. To print the entire Account Activity leave all the orders unselected and then click the print button.



Click the print button in the upper left corner of the Order Book to open a print preview window.

**Note:** A printer must be installed and configured in order to take advantage of the Print functionality

## Account Activity Properties

All - Account Activity			1,090
	All Acts	Firm: (All Firm) All Fills	
Time	Status	Activity	
1:29:01 PM	Working, Revised	DAX Jun08, Buy, Vol:0/1, L:6807.5	
1:29:01 PM	Working, Revised	DAX Jun08, Buy, Vol:0/1, L:6807.5	
1:29:01 PM	Revising...	DAX Jun08, Buy, Vol:0/1, L:6808.0	
1:29:01 PM	Revising...	DAX Jun08, Buy, Vol:0/1, L:6808.0	
1:29:02 PM	Working...	DAX Jun08, Sell, Vol:0/1, L:6809.5	
1:29:02 PM	Submission Sent	DAX Jun08, Sell, Vol:0/0, L:6809.5	
1:29:02 PM	Submitting to Exchange	DAX Jun08, Sell, Vol:0/0, L:6809.5	
1:29:01 PM	Working...	DAX Jun08, Sell, Vol:0/1, L:6810.0	
1:29:01 PM	Submission Sent	DAX Jun08, Sell, Vol:0/0, L:6810.0	
1:29:01 PM	Submitting to Exchange	DAX Jun08, Sell, Vol:0/0, L:6810.0	
1:29:01 PM	Working...	DAX Jun08, Sell, Vol:0/1, L:6810.0	
1:29:01 PM	Submission Sent	DAX Jun08, Sell, Vol:0/0, L:6810.0	
1:29:01 PM	Submitting to Exchange	DAX Jun08, Sell, Vol:0/0, L:6810.0	

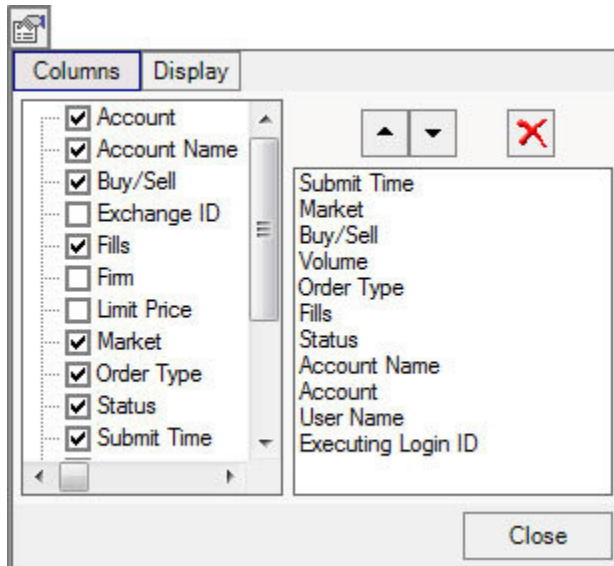
The Account Activity property pages are used to further customize how information is displayed. Columns can be added, removed, and reordered. The view's font can also be increased or decreased.



Click the Properties button in the upper left corner of the Order Book to open the Order Book Properties.

## I. Columns Tab





The columns tab is used to add, remove, and reorder Account Activity columns.



Add or remove columns from the view by checking their corresponding boxes in the left pane.



Change the order in which columns are displayed by selecting a column in the right pane and clicking the up or down arrows.



Remove a column by selecting it in the right pane and clicking the delete button.

## II. *Display Tab*

The screenshot shows a dialog box with two tabs: 'Columns' and 'Display'. The 'Display' tab is active. It contains two main sections. The first section, 'Window Name', has a text input field with the text 'Messages - Account Activity' and two buttons, 'Apply' and 'Reset'. The second section, 'Grid Font Size', has two buttons, '+' and '-', and a 'Reset' button. At the bottom right of the dialog is a 'Close' button.

The display tab is used to override the default grid font. You are able to set a custom font size for a specific Account Activity.

---

Window Name	Change the name of the account activity window, or reset it to the default name.
-------------	--

---

	Increase or decrease the grid font size.
--	--

---

	Reset the grid font to the system default.
--	--

---

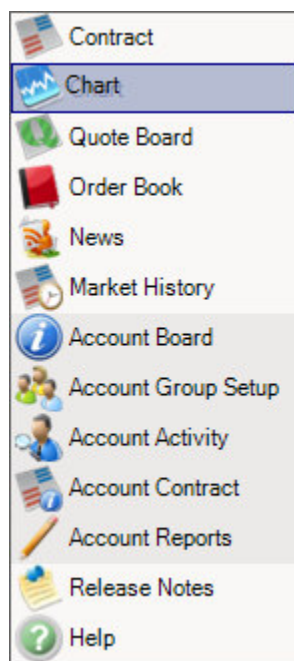


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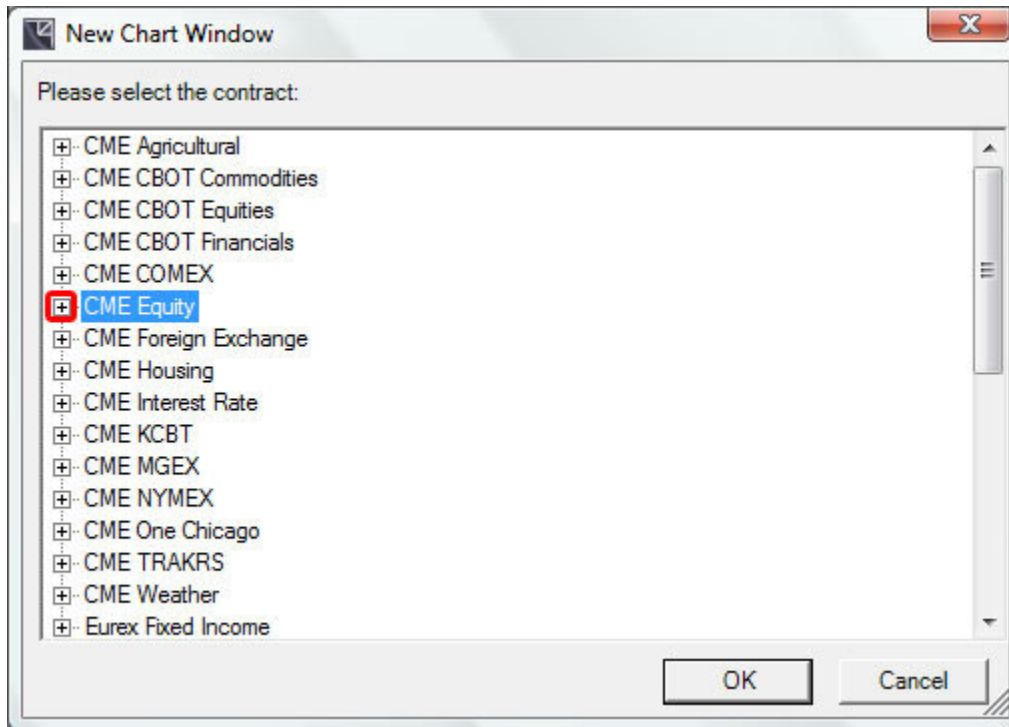
## Charts


Charts will display real time streaming data for the selected market. The charts can be configured with various overlays and indicators which are all customizable. Multiple charts can be created and configured to the users specifications. The charts are user friendly and can be saved by clicking on the T4 save icon, just as all the other T4 screens.

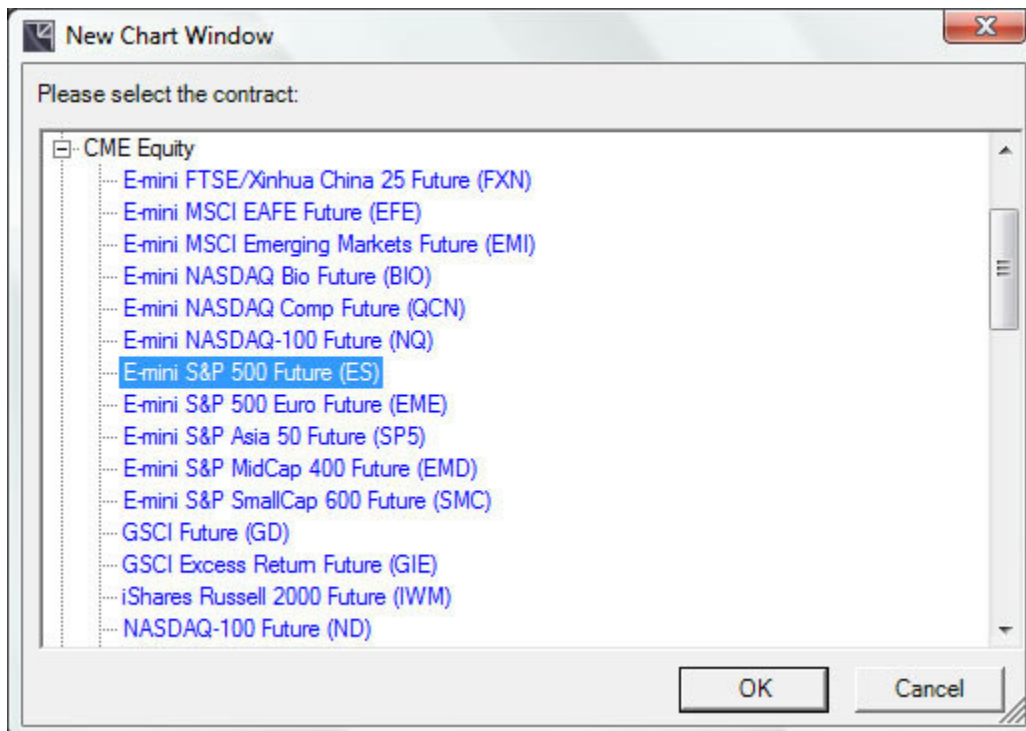
To open a new Chart, Click **Charts** from the Main window's [New Item Menu](#).



## Selecting Charts



Click the  to the left of the exchanges to see a list of available contracts.



Double click a desired contract or select it and click **Ok**.



1		Properties	Click this button to bring up main properties for any study
2	SP	Strategy Activation	Click this to view charts for strategies
3		New Screen dropdown	Bring up a contract window, market history window, or an account contract window for the current contract
4	Active Mar09 Jun09	Active Month/Contract Months	View charts for the active (current) month, or any contract month
5		Drawing Tools	Click the dropdown to select from various drawing tools
6		Add Studies Button	Click this button to add view a list of studies to add to the chart
7	15 Minute	Time Interval	Choose the time interval you wish to set

8	↑ +675	Net Change	Displays net change for the current session
9	M Mini E-mini S&P 500 Mar09 O:85625 H:85975 L:85625 C:85900 —BB(20/2) 85575 - 86075 - 86600 —BMA(10) 85900	Displays Detailed summaries	Configurable option to display contract and study information
10	86325	Last traded price	Displays the last traded price in green just like the contract window
11	17:15 Dec 23, 08 87400	Date, time and price	When using Crosshairs the date, time and price where the mouse is located will be displayed
12	Chart	Bar Style	Chart can be displayed in numerous styles such as bar, OHL and candlestick
13	08:30	Time scale	Time scale can be expanded or contracted
14	Indicators	Indicators	Numerous indicators can be added to the charts

## Selecting Months and Strategies



SP

☒ Outrights

☒ Reduced Tick Calendar Spreads

First 2 Months Only

The **Spread** dropdown allows you to choose whether or not strategies are visible in the Market Tab Strip. If a contract has no spreads available then the 'SP' button will not be displayed. The SP dropdown will display all available strategies for that market. If you do not want to see all the available markets choose the first 2 months only option.

SP

Mar08

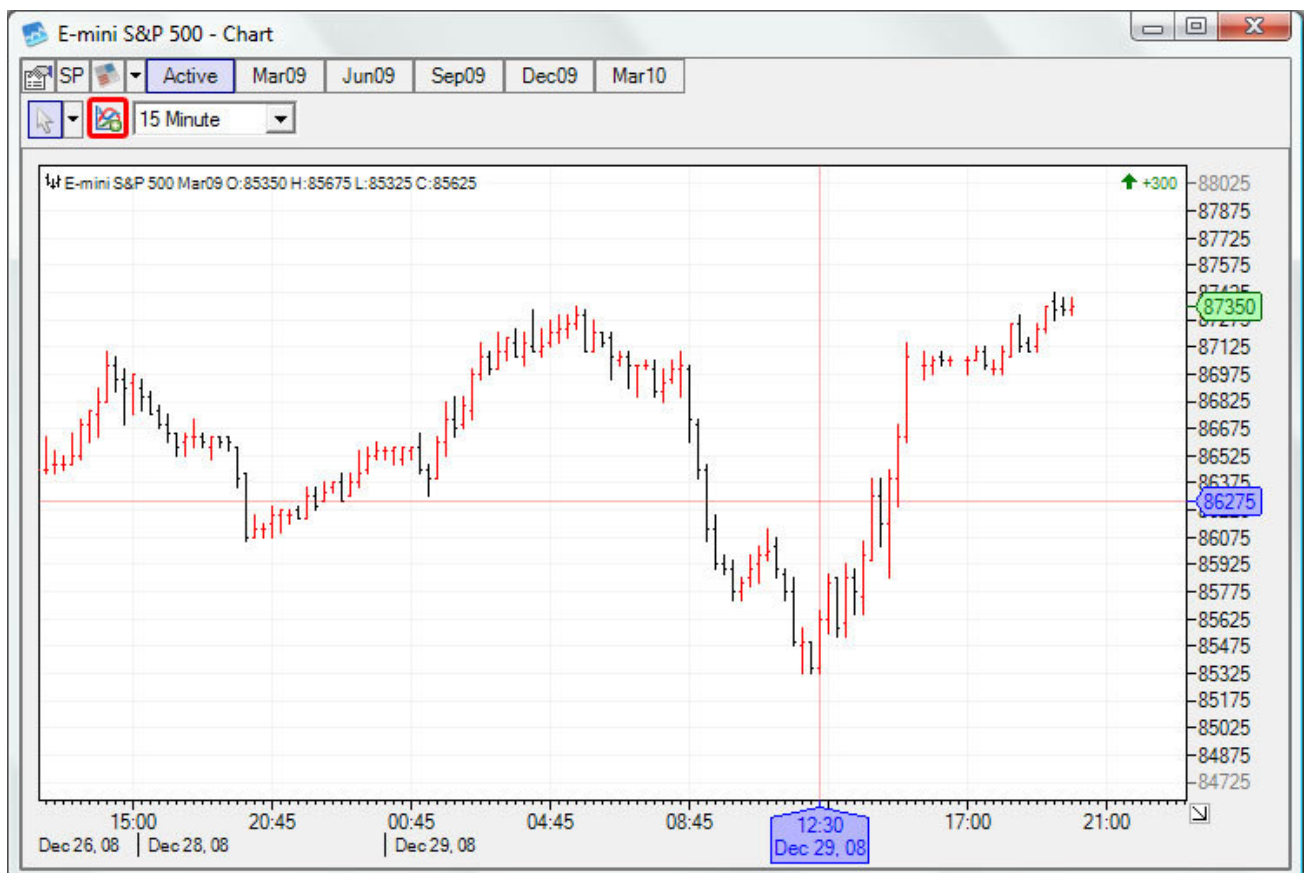
RT +Mar08-Jun08

Jun08

RT +Jun08-Sep08

Once visible, selecting **Spreads** is the same as selecting any other market. To the right of each spread market is a carrot dropdown with all available spreads for that front month.

## Selecting Studies



Click this button to pull up a list of all studies



Properties...
Add Study...

Or right click on the chart to pull up a menu, and choose “Add Study...”

Choose a Study out of the list and click the add button.

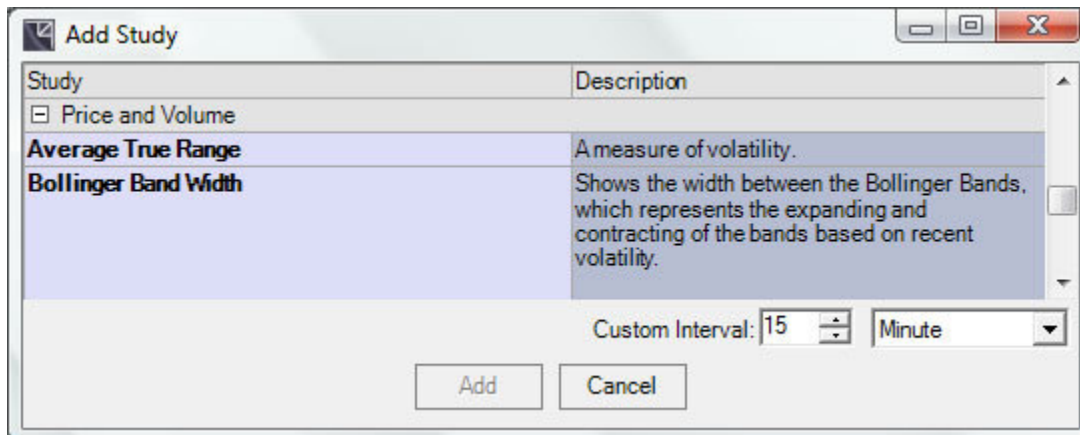
### Overlays:

Study	Description
<b>Bollinger Bands</b>	A chart overlay that shows the upper and lower limits of 'normal' price movements based on the Standard Deviation of prices.
<b>Exponential Moving Average (EMA)</b>	Plot of a moving average price of a security over a specified numbers of periods with more weight applied to recent prices relative to older prices.
<b>Keltner Channels (KELT)</b>	Displays upper and lower limits for price movements based on the Average True Range of prices.
<b>Moving Average Envelopes</b>	A chart overlay consisting of a channel formed from simple moving averages.
<b>Price Channels</b>	A chart overlay that shows a channel made from the highest high and lowest low for a given period of time.
<b>Simple Moving Average (SMA)</b>	Plot of a moving average (mean) price of a security over a specified numbers of periods.
<b>Zig Zag</b>	Shows filtered price movements that are greater than a given percentage.

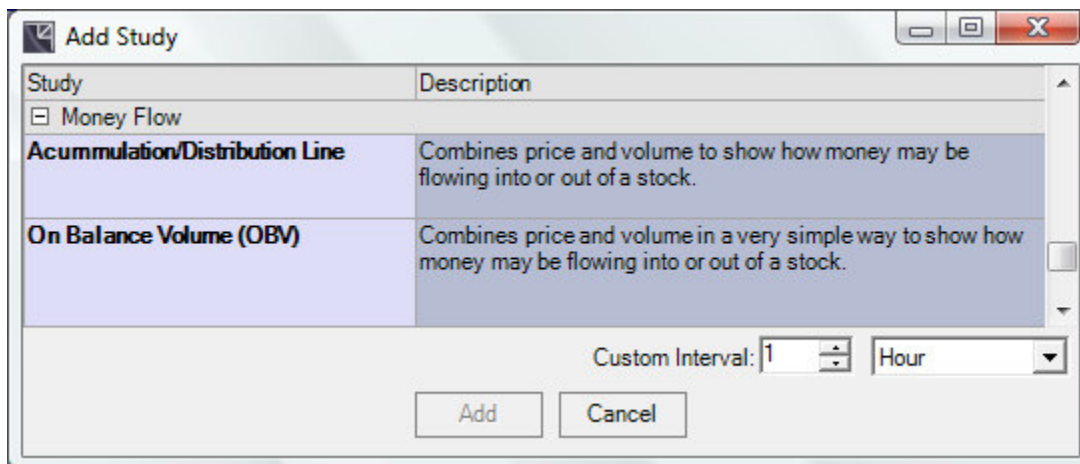
Custom Interval: 1 Hour

Add Cancel

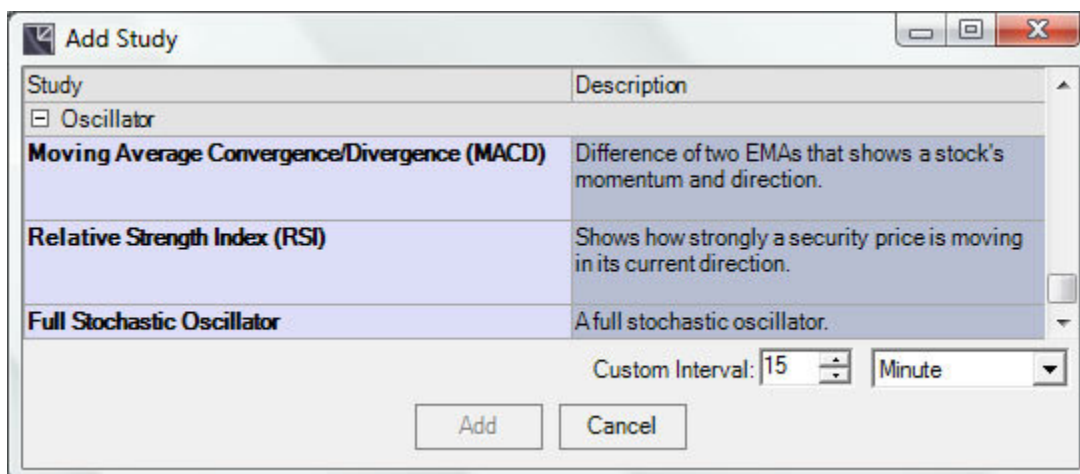
## Price and Volume



## Money Flow



## Oscillator



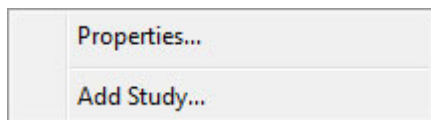
## Studies and Chart Properties



Chart properties can be configured by clicking on the chart properties button. The properties are used to further customize how information is displayed. As a new study is added, the properties of that study are also added to the chart properties area. The same properties can be chosen by right clicking on the chart.



Click the Properties button in the upper left corner of the Chart to open the Chart Properties.



Right click on the chart to bring up the properties for that Chart

## General Properties

Parameter	Value
<b>General Chart</b>	
Background Color	
Gridline Color	
Display Summaries	<input checked="" type="checkbox"/>
Display Net Change	<input checked="" type="checkbox"/>
Highlight Last Trade	<input checked="" type="checkbox"/>
Highlight Trade Days	<input checked="" type="checkbox"/>
Crosshairs	<input checked="" type="checkbox"/>

Close

### General Chart

Parameter	Value
<i>Background Color</i>	Changes the color of the background of the chart
<i>Gridline Color</i>	Changes the color of the gridlines of the chart
<i>Display Summaries</i>	Add or removes display summaries from the top left hand corner of the chart
<i>Display Net Change</i>	Add or removes net change from the top right hand corner of the chart
<i>Highlight Last Trade</i>	Adds or removes green highlighting of the last trade of the day
<i>Highlight Trade Days</i>	Adds or removes shading of trade days
<i>Crosshairs</i>	Adds or removes crosshairs from chart

## Default Study

### Bar Chart



### Bar Chart Properties

Left click on the Value column to configure BAR Chart properties

General		Price Bars
Parameter	Value	
<input type="checkbox"/> <b>Price Bars</b>		
Bar Interval	1 Hour	
Bar Style	OHLCBar	
Rising Color		
Falling Color		
<input type="checkbox"/> <b>Price Bars Chart</b>		
Horizontal Gridlines	<input checked="" type="checkbox"/>	
Vertical Gridlines	<input checked="" type="checkbox"/>	
Show Time Scale	<input checked="" type="checkbox"/>	
Show Price Scale	<input checked="" type="checkbox"/>	
Show Summaries	<input checked="" type="checkbox"/>	
Detailed Summaries	<input checked="" type="checkbox"/>	
Close		

#### Price Bars

Parameter	Value
<i>Bar Interval</i>	Changes the time interval of the chart

<i>Bar Style</i>	Choose from various bar styles: <ul style="list-style-type: none"> <li>• Candlestick</li> <li>• OHLCBar</li> <li>• Line</li> <li>• HLCBar</li> </ul>
<i>Rising Color</i>	Changes the rising color on the chart
<i>Falling Color</i>	Changes the falling color on the chart
<b>Price Bars Chart</b>	
<i>Horizontal Gridlines</i>	Add or removes the horizontal gridlines from the chart
<i>Vertical Gridlines</i>	Add or removes the vertical gridlines from the chart
<i>Show Time Scale</i>	Add or removes the time scale from the chart
<i>Show Price Scale</i>	Adds or removes the price scale from the chart
<i>Show Summaries</i>	Displays contract name and last traded price or the price where the mouse is pointed
<i>Detailed Summaries</i>	Adds open, high , low close to summary

## Overlays

### Bollinger Bands



### Bollinger Bands Properties:

Left click on the Value column to configure BB properties

General	Price Bars
Parameter	Value
<input type="checkbox"/> Price Bars	
Bar Interval	1 Hour
Bar Style	OHLCBar
Rising Color	<div></div>
Falling Color	<div></div>
<input type="checkbox"/> Bollinger Bands - 20/2	
Bar Interval	1 Hour
Custom Label	Bollinger Bands - 20/2
Periods	20
Std Deviations	2.00
Line Color	<div></div>
<input type="checkbox"/> Price Bars Chart	
Horizontal Gridlines	<input checked="" type="checkbox"/>
Vertical Gridlines	<input checked="" type="checkbox"/>
Show Time Scale	<input checked="" type="checkbox"/>
Show Price Scale	<input checked="" type="checkbox"/>
Show Summaries	<input checked="" type="checkbox"/>
Detailed Summaries	<input type="checkbox"/>
<div>Close</div>	



## Exponential Moving Average (EMA)



## Exponential Moving Average (EMA) Properties:

Left click on the Value column to configure EMA properties

General		Price Bars
Parameter	Value	
<input checked="" type="checkbox"/> <b>Price Bars</b>		
Bar Interval	1 Hour	
Bar Style	OHLCBar	
Rising Color		
Falling Color		
<input checked="" type="checkbox"/> <b>EMA(10)</b>		
Bar Interval	1 Hour	
Custom Label	EMA(10)	
Periods	10	
Line Color		
<input checked="" type="checkbox"/> <b>Price Bars Chart</b>		
Horizontal Gridlines	<input checked="" type="checkbox"/>	
Vertical Gridlines	<input checked="" type="checkbox"/>	
Show Time Scale	<input checked="" type="checkbox"/>	
Show Price Scale	<input checked="" type="checkbox"/>	
Show Summaries	<input checked="" type="checkbox"/>	
Detailed Summaries	<input type="checkbox"/>	
Close		



## Keltner Channels (KELT)



## Keltner Channels (KELT) Properties

Left click on the Value column to configure KELT properties

General		Price Bars
Parameter	Value	
<input type="checkbox"/> <b>Price Bars</b>		
Bar Interval	15 Minute	
Bar Style	OHLCBar	
Rising Color		
Falling Color		
<input type="checkbox"/> <b>KELT(20/2.00/10)</b>		
Bar Interval	15 Minute	
Custom Label	KELT	
EMA Periods	20	
ATR Periods	10	
ATR Multiple	2.00	
EMA Line Color		
Channel Line Color		
Line Thickness	1	
<input type="checkbox"/> <b>Price Bars Chart</b>		
Horizontal Gridlines		<input checked="" type="checkbox"/>
Vertical Gridlines		<input checked="" type="checkbox"/>
Show Time Scale		<input checked="" type="checkbox"/>
Show Price Scale		<input checked="" type="checkbox"/>
Show Summaries		<input checked="" type="checkbox"/>
Detailed Summaries		<input checked="" type="checkbox"/>
Close		

### Moving Average Envelopes



### Moving Average Envelopes Properties:

Left click on the Value column to configure ENV properties

General		Price Bars
Parameter	Value	
<input type="checkbox"/> Price Bars		
Bar Interval	1 Hour	
Bar Style	OHLCBar	
Rising Color		
Falling Color		
<input type="checkbox"/> ENV(20, 0.5)		
Bar Interval	1 Hour	
Custom Label	ENV(20, 0.5)	
Periods	20	
Percent Difference	0.50	
Line Color		
<input type="checkbox"/> Price Bars Chart		
Horizontal Gridlines	<input checked="" type="checkbox"/>	
Vertical Gridlines	<input checked="" type="checkbox"/>	
Show Time Scale	<input checked="" type="checkbox"/>	
Show Price Scale	<input checked="" type="checkbox"/>	
Show Summaries	<input checked="" type="checkbox"/>	
Detailed Summaries	<input type="checkbox"/>	
Close		

## Price Channels



## Price Channels Properties:

Left click on the Value column to configure CHAN properties

General		Price Bars
Parameter	Value	
<input type="checkbox"/> <b>Price Bars</b>		
Bar Interval	1 Hour	
Bar Style	OHLCBar	
Rising Color		
Falling Color		
<input type="checkbox"/> <b>CHAN(20)</b>		
Custom Label	CHAN(20)	
Periods	20	
Offset	0	
Show Channel Avg Line	<input checked="" type="checkbox"/>	
Line Color		
<input type="checkbox"/> <b>Price Bars Chart</b>		
Horizontal Gridlines	<input checked="" type="checkbox"/>	
Vertical Gridlines	<input checked="" type="checkbox"/>	
Show Time Scale	<input checked="" type="checkbox"/>	
Show Price Scale	<input checked="" type="checkbox"/>	
Show Summaries	<input checked="" type="checkbox"/>	
Detailed Summaries	<input type="checkbox"/>	
Close		

### Simple Moving Average (SMA)



### Simple Moving Average (SMA) Properties:

Left click on the Value column to configure SMA properties

General		Price Bars
Parameter	Value	
<input type="checkbox"/> <b>Price Bars</b>		
Bar Interval	1 Hour	
Bar Style	OHLCBar	
Rising Color		
Falling Color		
<input type="checkbox"/> <b>SMA(10)</b>		
Bar Interval	1 Hour	
Custom Label	SMA(10)	
Periods	10	
Line Color		
<input type="checkbox"/> <b>Price Bars Chart</b>		
Horizontal Gridlines		<input checked="" type="checkbox"/>
Vertical Gridlines		<input checked="" type="checkbox"/>
Show Time Scale		<input checked="" type="checkbox"/>
Show Price Scale		<input checked="" type="checkbox"/>
Show Summaries		<input checked="" type="checkbox"/>
Detailed Summaries		<input type="checkbox"/>
Close		

## Zig Zag



### Zig Zag Properties:

Left click on the Value column to configure ZigZag properties

General		Price Bars
Parameter	Value	
<input type="checkbox"/> <b>Price Bars</b>		
Bar Interval	15 Minute	
Bar Style	OHLCBar	
Rising Color	<div style="background-color: red; width: 100px; height: 15px;"></div>	
Falling Color	<div style="background-color: black; width: 100px; height: 15px;"></div>	
<input type="checkbox"/> <b>ZigZag(15.0%)</b>		
Custom Label	ZigZag	
% Change	15.00	
Line Color	<div style="background-color: blue; width: 100px; height: 15px;"></div>	
Line Thickness	1	
<input type="checkbox"/> <b>Price Bars Chart</b>		
Horizontal Gridlines		<input checked="" type="checkbox"/>
Vertical Gridlines		<input checked="" type="checkbox"/>
Show Time Scale		<input checked="" type="checkbox"/>
Show Price Scale		<input checked="" type="checkbox"/>
Show Summaries		<input checked="" type="checkbox"/>
Detailed Summaries		<input checked="" type="checkbox"/>
Close		



## Price and Volume

### Average True Range



### Average True Range: Left click on the value box to configure the ATR

Left click on the Value column to configure ATR properties

General	Price Bars	ATR(14)
Parameter	Value	
<input type="checkbox"/> <b>ATR(14)</b>		
Bar Interval	15 Minute	
Custom Label	ATR	
Periods	14	
Line Thickness	1	
Line Color	<div style="background-color: red; width: 100px; height: 15px;"></div>	
<input type="checkbox"/> <b>Value Scale</b>		
Decimals	0	
<input type="checkbox"/> <b>ATR(14) Chart</b>		
Horizontal Gridlines	<input checked="" type="checkbox"/>	
Vertical Gridlines	<input checked="" type="checkbox"/>	
Show Time Scale	<input type="checkbox"/>	
Show Price Scale	<input checked="" type="checkbox"/>	
Show Summaries	<input checked="" type="checkbox"/>	
Detailed Summaries	<input checked="" type="checkbox"/>	
Close		

## Bollinger Band Width



### Bollinger Band Width Properties:

Left click on the Value column to configure BBW properties

General	Price Bars	BBW(20/2)
Parameter		Value
<input type="checkbox"/> <b>BBW(20/2)</b>		
Bar Interval	15 Minute	
Custom Label	BBW	
Periods	20	
Std Deviations	2.00	
Line Color	<span style="background-color: green; color: black;"> </span>	
Line Thickness	1	
<input type="checkbox"/> <b>Value Scale</b>		
Decimals	0	
<input type="checkbox"/> <b>BBW(20/2) Chart</b>		
Horizontal Gridlines	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Vertical Gridlines	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Show Time Scale	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Show Price Scale	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Show Summaries	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Detailed Summaries	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Close		

## Money Flow

### Accumulation/Distribution Line



### Accumulation/Distribution Line Properties:

Left click on the Value column to configure Acc/Dist properties

General	Price Bars	Accumulation/Distribution
Parameter	Value	
<input type="checkbox"/> <b>Accumulation/Distribution</b>		
Bar Interval	1 Hour	
Custom Label	Accumulation/Distribution	
Line Color		
<input type="checkbox"/> <b>Value Scale</b>		
Decimals	0	
<input type="checkbox"/> <b>Accumulation/Distribution Chart</b>		
Horizontal Gridlines	<input checked="" type="checkbox"/>	
Vertical Gridlines	<input checked="" type="checkbox"/>	
Show Time Scale	<input type="checkbox"/>	
Show Price Scale	<input type="checkbox"/>	
Show Summaries	<input checked="" type="checkbox"/>	
Detailed Summaries	<input type="checkbox"/>	
<button>Close</button>		



### On Balance Volume (OBV)



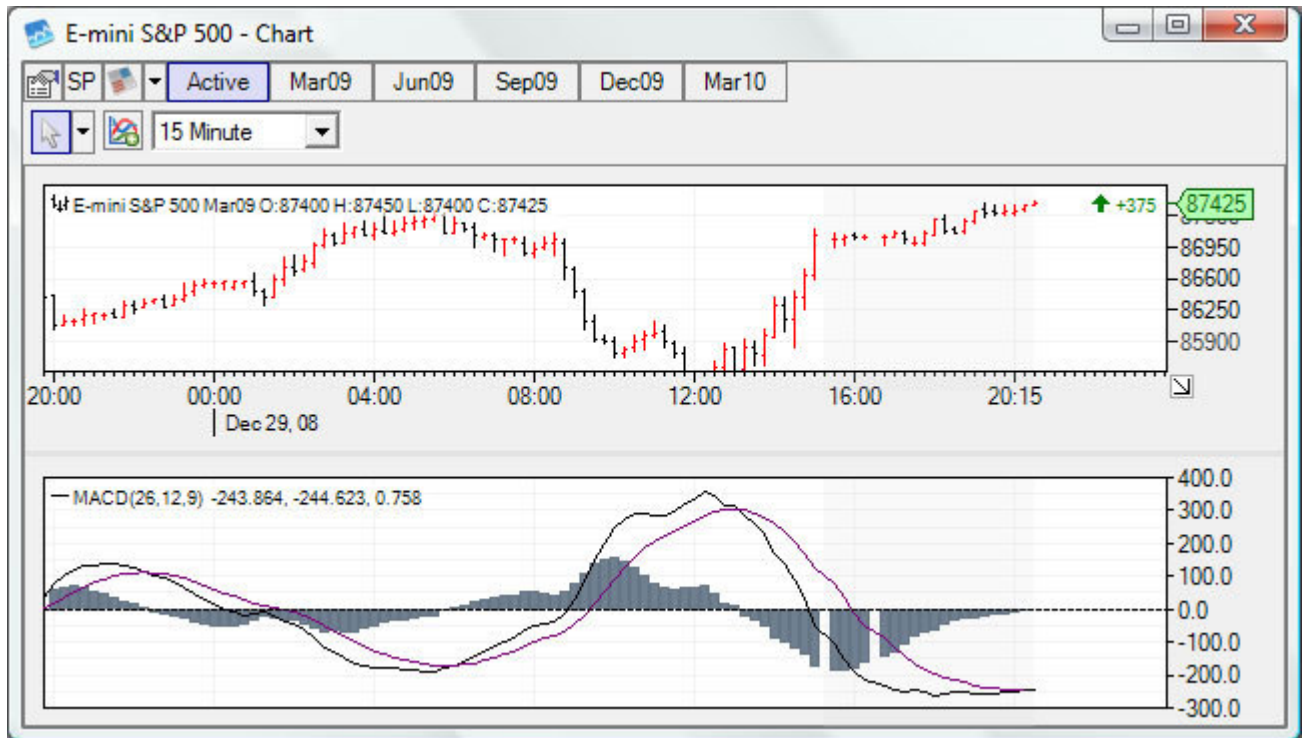
### On Balance Volume (OBV) Properties

Left click on the Value column to configure OBV properties

General	Price Bars	OBV
Parameter	Value	
<input type="checkbox"/> <b>OBV</b>		
Bar Interval	1 Hour	
Custom Label	OBV	
Line Color	<div style="background-color: #808000; width: 100px; height: 15px;"></div>	
<input type="checkbox"/> <b>Value Scale</b>		
Decimals	0	
<input type="checkbox"/> <b>OBV Chart</b>		
Horizontal Gridlines	<input checked="" type="checkbox"/>	
Vertical Gridlines	<input checked="" type="checkbox"/>	
Show Time Scale	<input type="checkbox"/>	
Show Price Scale	<input type="checkbox"/>	
Show Summaries	<input checked="" type="checkbox"/>	
Detailed Summaries	<input type="checkbox"/>	
Close		

## Oscillator

### Moving Average Convergence/Divergence (MACD)



### Moving Average Convergence/Divergence (MACD) Properties

Left click on the Value column to configure MACD properties

General	Price Bars	MACD(26,12,9)
Parameter	Value	
<input checked="" type="checkbox"/> <b>MACD(26,12,9)</b>		
Custom Label	MACD(26,12,9)	
EMA 1 Periods	26	
EMA 2 Periods	12	
MACD EMA Periods	9	
MACD Line Color		
MACD EMA Line Color		
Line Thickness	1	
Histogram Color		
<input checked="" type="checkbox"/> <b>Value Scale</b>		
Decimals	1	
<input checked="" type="checkbox"/> <b>MACD(26,12,9) Chart</b>		
Horizontal Gridlines	<input checked="" type="checkbox"/>	
Vertical Gridlines	<input checked="" type="checkbox"/>	
Show Time Scale	<input type="checkbox"/>	
Show Price Scale	<input checked="" type="checkbox"/>	
Show Summaries	<input checked="" type="checkbox"/>	
Detailed Summaries	<input checked="" type="checkbox"/>	
Close		

### Relative Strength Index (RSI)



### Relative Strength Index (RSI) Properties

Left click on the Value column to configure RSI properties

General	Price Bars	RSI(14)
Parameter	Value	
<input type="checkbox"/> <b>RSI(14)</b>		
Bar Interval	1 Hour	
Custom Label	RSI(14)	
Line Color	<div style="background-color: blue; width: 100px; height: 15px;"></div>	
Fill Color	<div style="background-color: lightblue; width: 100px; height: 15px;"></div>	
Scale Color	<div style="background-color: black; width: 100px; height: 15px;"></div>	
Periods	14	
Over-bought Level	70	
Over-sold Level	30	
<input type="checkbox"/> <b>Value Scale</b>		
Decimals	0	
<input type="checkbox"/> <b>RSI(14) Chart</b>		
Horizontal Gridlines	<input checked="" type="checkbox"/>	
Vertical Gridlines	<input checked="" type="checkbox"/>	
Show Time Scale	<input type="checkbox"/>	
Show Price Scale	<input checked="" type="checkbox"/>	
Show Summaries	<input checked="" type="checkbox"/>	
Detailed Summaries	<input type="checkbox"/>	
Close		

### Full Stochastic Oscillator



### Full Stochastic Oscillator Properties

Left click on the Value column to configure STO%K properties

General	Price Bars	STO %K(14,3) %D(3)
Parameter	Value	
<input checked="" type="checkbox"/> <b>STO %K(14,3) %D(3)</b>		
Bar Interval	15 Minute	
Custom Label	STO	
Periods	14	
K Smoothing Periods	3	
D Smoothing Periods	3	
K Line Color	<span style="background-color: black; color: black;"> </span>	
D Line Color	<span style="background-color: red; color: red;"> </span>	
Line Thickness	1	
<input checked="" type="checkbox"/> <b>Value Scale</b>		
Decimals	0	
<input checked="" type="checkbox"/> <b>STO %K(14,3) %D(3) Chart</b>		
Horizontal Gridlines	<input checked="" type="checkbox"/>	
Vertical Gridlines	<input checked="" type="checkbox"/>	
Show Time Scale	<input type="checkbox"/>	
Show Price Scale	<input checked="" type="checkbox"/>	
Show Summaries	<input checked="" type="checkbox"/>	
Detailed Summaries	<input checked="" type="checkbox"/>	
Close		

## New Screen Drop Down



You can pull different windows directly from the chart. Click the dropdown button to choose from a contract window, a new chart, a market history window, or an account contract window.



Drop Down Arrow

Click the drop down arrow to choose a window



Contract Window

Select Contract to pull up a new contract window for the current contract



Chart Window

Select Chart to pull up a new instance of the chart window for the current contract



Market History Window

Select Market History to pull a new Market History window for the current contract

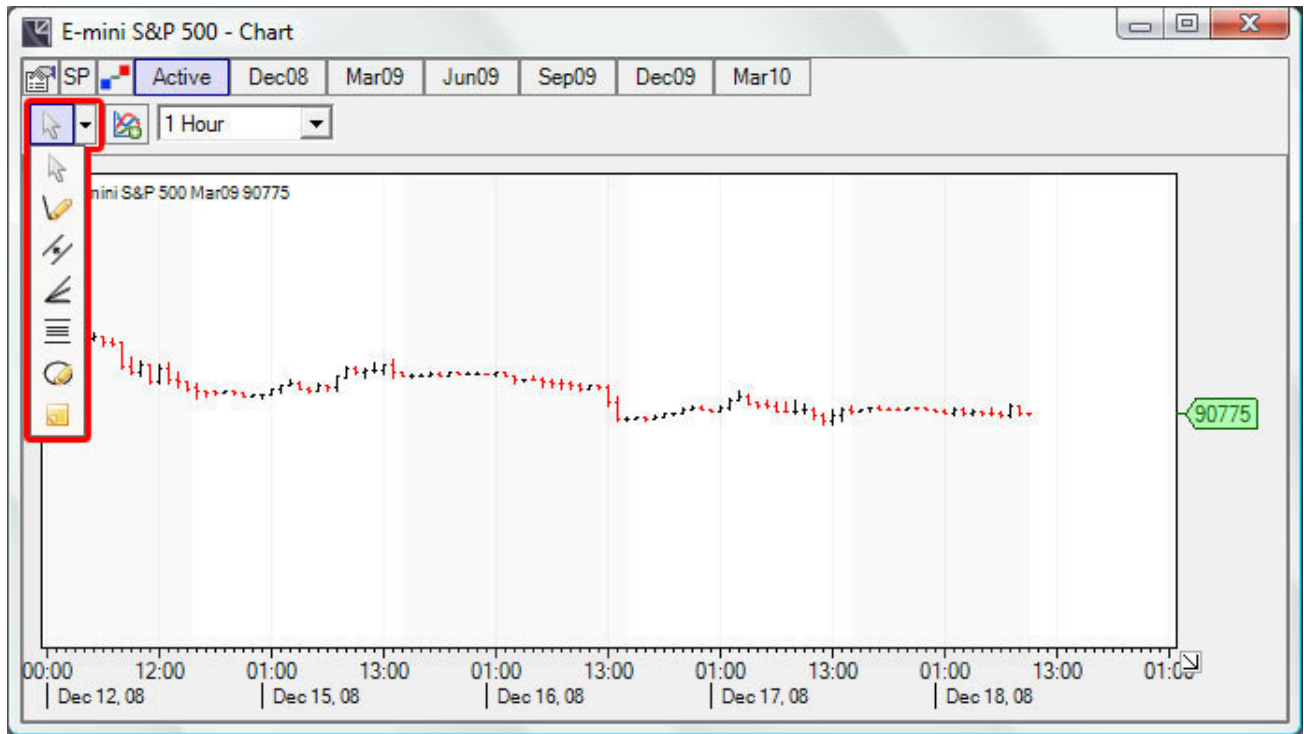


Account Contract

Select Account Contract to pull up a new Account Contract window for the current contract



## Drawing Tools



Drop Down Arrow

Click the drop down arrow to choose between varieties of accessories.



Arrow

Default arrow to hover over prices and studies



Pencil

Activate the pencil to draw a variety of lines on the chart.



Price channels

Left click and hold down and draw the desired channel



Fan Line

Left click on the chart hold down and expand the fan line where desired



Fibonacci lines

Left click on the chart hold down and expand the Fibonacci lines where desired



Ellipse


Left click and expand the circle to the desired range. Left click on the circle to change the shape

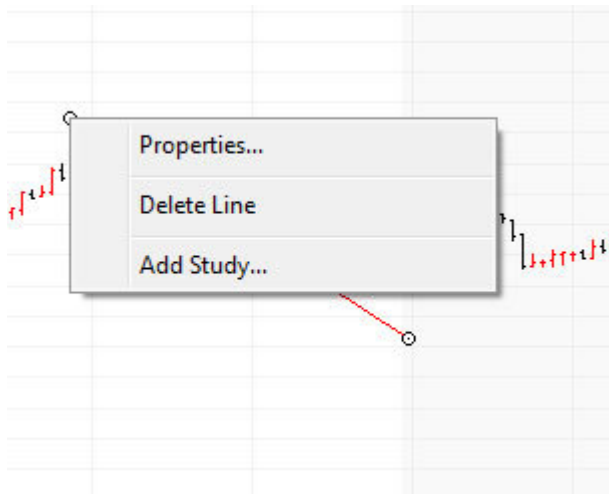


Annotation

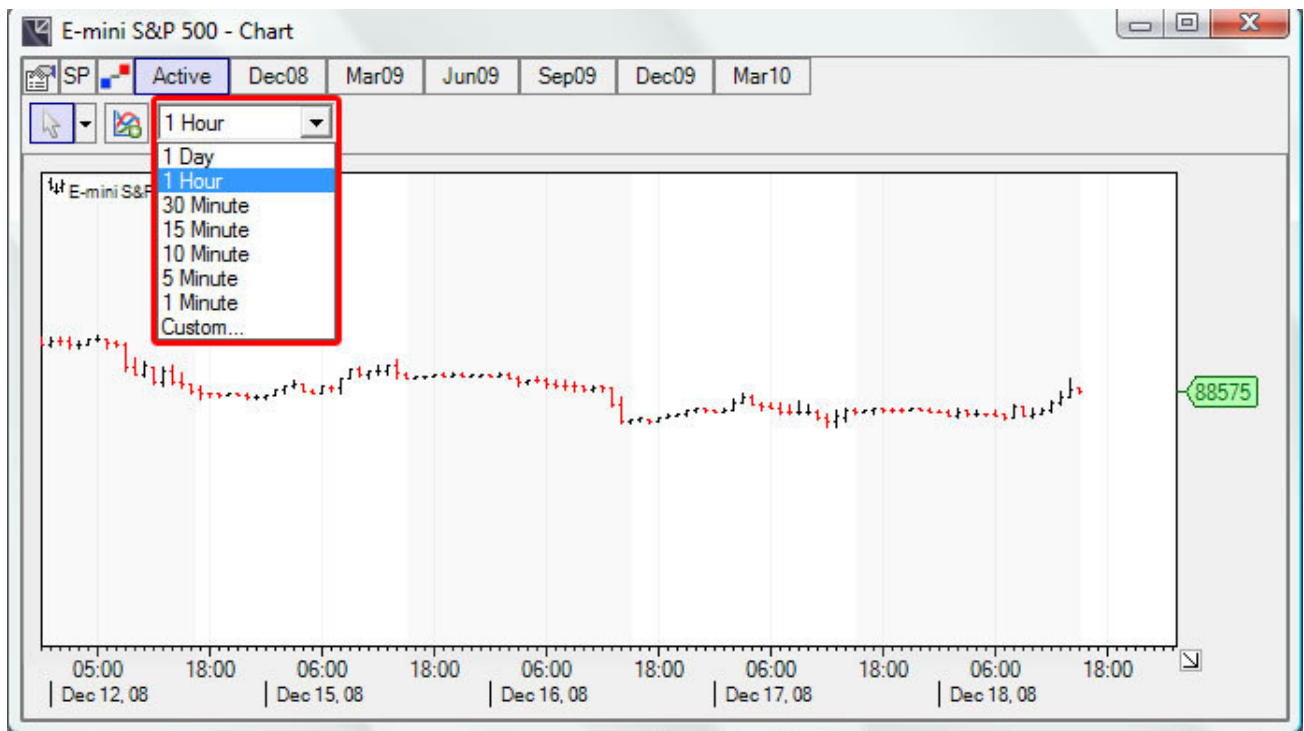
To add a text box on the chart. After adding the text box right click and choose properties, then type in the text box

## Drawing Properties

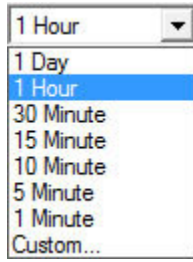
Once a drawing is added, right-click on the  on the drawing to open up a properties box for the drawing.



## Time Intervals



---



A dropdown menu with a list of time intervals. The menu is open, showing the following options: 1 Day, 1 Hour (highlighted in blue), 30 Minute, 15 Minute, 10 Minute, 5 Minute, 1 Minute, and Custom... The dropdown arrow is visible on the right side of the menu.

Select the desired time frame for the chart or choose custom to create a different time interval

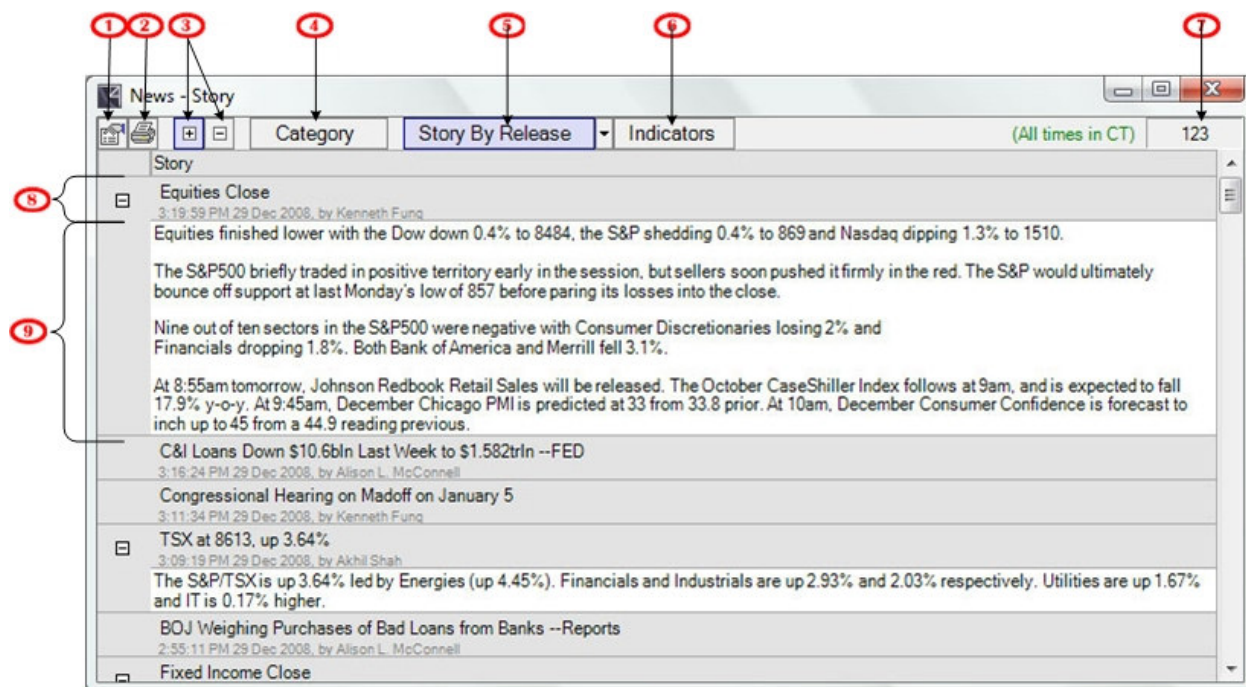
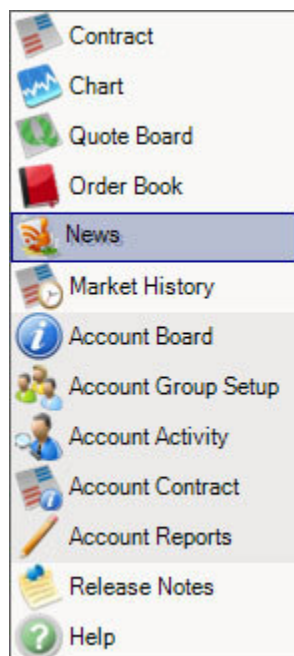







# News and Indicators

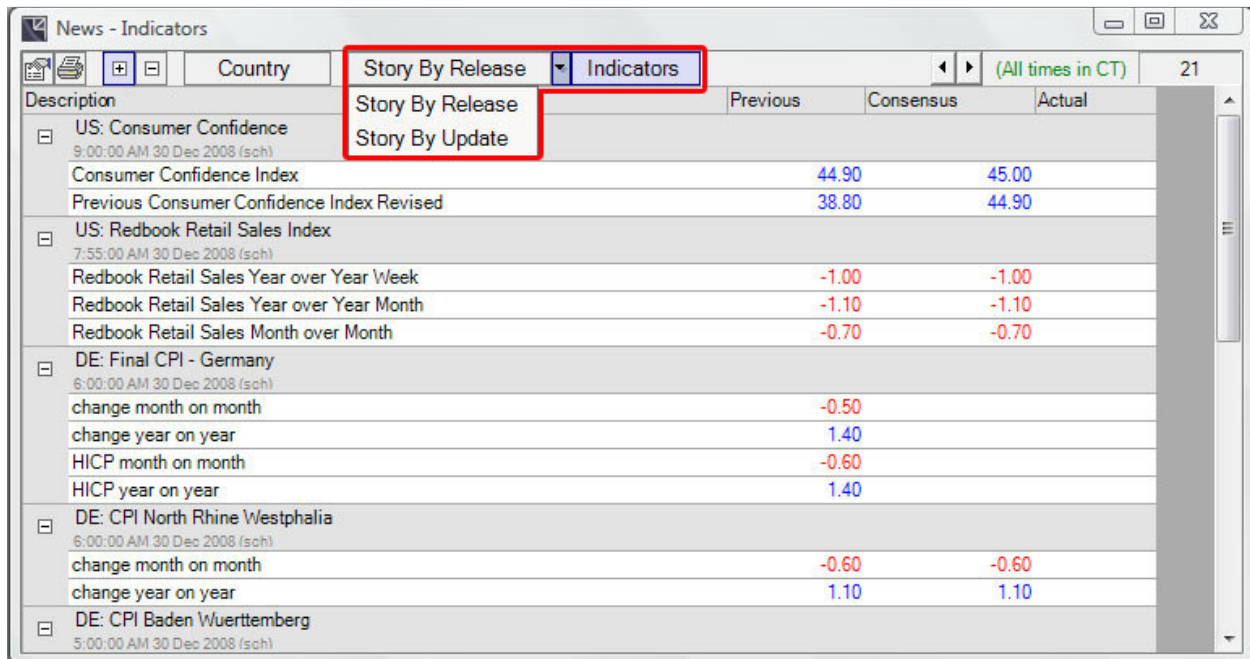
T4 has the ability to report market news in real-time through in-depth coverage of U.S. and European futures markets, fixed income and more. Each trading day T4 displays news and reports on economic, financial and geopolitical news. T4 also displays breaking economic news and financial data.

To open a new News window, Click **News** from the Main window's [New Item Menu](#).



①		Properties	Brings up the properties for the news window
②		Print	Print the news window (you must have a printer configured to use this option)
③		Expand/Contract	Expands the news article/Contract article to just the title
④	Category	Category	Choose the category of the stories you want to read
⑤	Story By Release	View Stories Tab	Choose to view the story by release or by update
⑥	Indicators	Indicators Tab	Switch to view Indicators
⑦	123	Stories	Total number of news stories that are displayed
⑧	Title	Title	Title of the News story
⑨	Body	Body	Body of the News story (must use the expand button to view this)

## View Tabs



The screenshot shows the 'News - Indicators' window. The 'Story By Release' dropdown menu is open, showing 'Story By Release' and 'Story By Update' options. The 'Indicators' tab is also highlighted. The main table displays various economic indicators with columns for Description, Previous, Consensus, and Actual values.

Description	Previous	Consensus	Actual
US: Consumer Confidence			
9:00:00 AM 30 Dec 2008 (sch)			
Consumer Confidence Index	44.90		45.00
Previous Consumer Confidence Index Revised	38.80		44.90
US: Redbook Retail Sales Index			
7:55:00 AM 30 Dec 2008 (sch)			
Redbook Retail Sales Year over Year Week	-1.00		-1.00
Redbook Retail Sales Year over Year Month	-1.10		-1.10
Redbook Retail Sales Month over Month	-0.70		-0.70
DE: Final CPI - Germany			
6:00:00 AM 30 Dec 2008 (sch)			
change month on month	-0.50		
change year on year	1.40		
HICP month on month	-0.60		
HICP year on year	1.40		
DE: CPI North Rhine Westphalia			
6:00:00 AM 30 Dec 2008 (sch)			
change month on month	-0.60		-0.60
change year on year	1.10		1.10
DE: CPI Baden Wuerttemberg			
5:00:00 AM 30 Dec 2008 (sch)			

Story By Release

Indicators

Story By Release

Story By Update

Story by Release	Sort news stories by the time it was released
Story by Update	Sort by the time an update was sent out about the story
Indicators	Economic numbers release during the trading day are displayed here

Columns

News - Indicators

Country

Story By Release

Indicators

(All times in CT)

21

Description

Previous

Consensus

Actual

US: Consumer Confidence

9:00:00 AM 30 Dec 2008 (sch)

Consumer Confidence Index

Previous Consumer Confidence Index Revised

44.90

45.00

38.80

44.90

US: Redbook Retail Sales Index

7:55:00 AM 30 Dec 2008 (sch)

Redbook Retail Sales Year over Year Week

Redbook Retail Sales Year over Year Month

Redbook Retail Sales Month over Month

-1.00

-1.00

-1.10

-1.10

-0.70

-0.70

DE: Final CPI - Germany

6:00:00 AM 30 Dec 2008 (sch)

change month on month

change year on year

HICP month on month

HICP year on year

-0.50

1.40

-0.60

1.40

DE: CPI North Rhine Westphalia

6:00:00 AM 30 Dec 2008 (sch)

change month on month

change year on year

-0.60

-0.60

1.10

1.10

DE: CPI Baden Wuerttemberg

5:00:00 AM 30 Dec 2008 (sch)

By default the most common columns are visible in a new News window. Many more columns are available and can be added in the News Properties, Columns Tab.

Story Default Columns

Story	The News Story
-------	----------------

Indicator Default Columns

Description	The subject of the news story
-------------	-------------------------------

<i>Consensus</i>	What experts think the number will come in at
<i>Actual</i>	The real number of the economic report

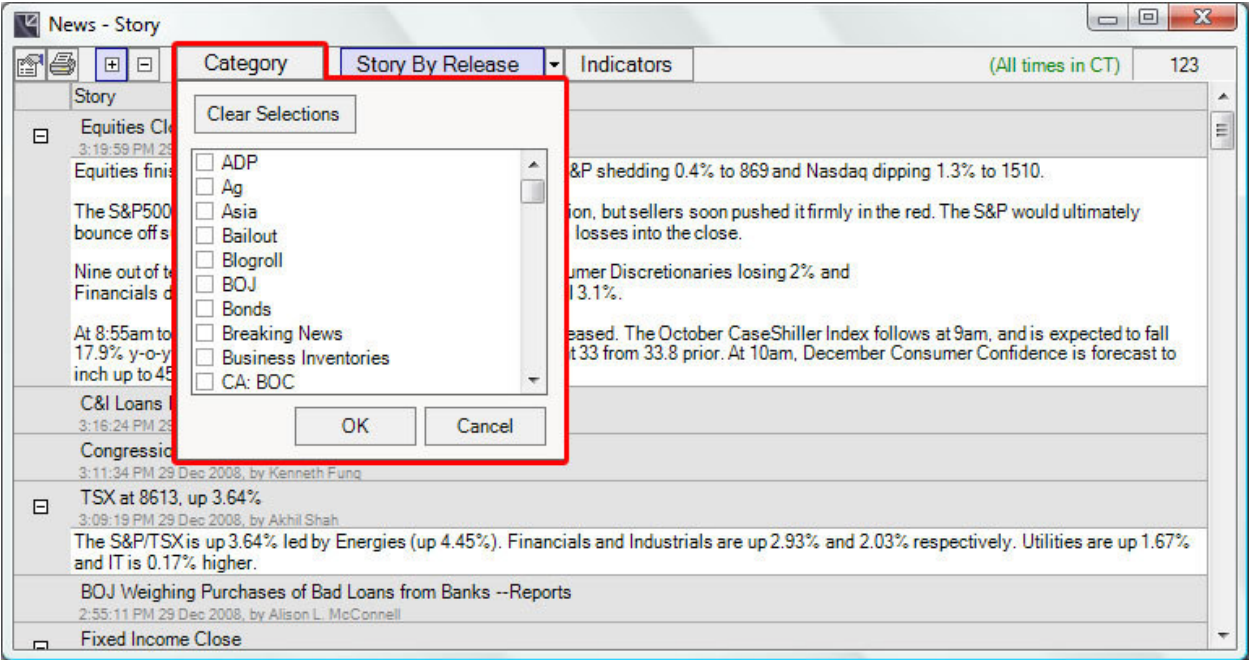
#### Indicator Optional Columns

<i>Actual Release</i>	The real time the report was released
<i>Consensus Net</i>	Difference between the Consensus and Actual report numbers
<i>Country</i>	Country of origin for the report
<i>ID</i>	ID associated with the report
<i>Previous Net</i>	Difference between Consensus and Actual from the last report
<i>Scheduled Release</i>	When the number is scheduled to be released

## Column Layout

The News Window's [column layout](#) is fully customizable. Drag the column header to move, drag the column header side border to resize, and click the column header to resort.

# Category

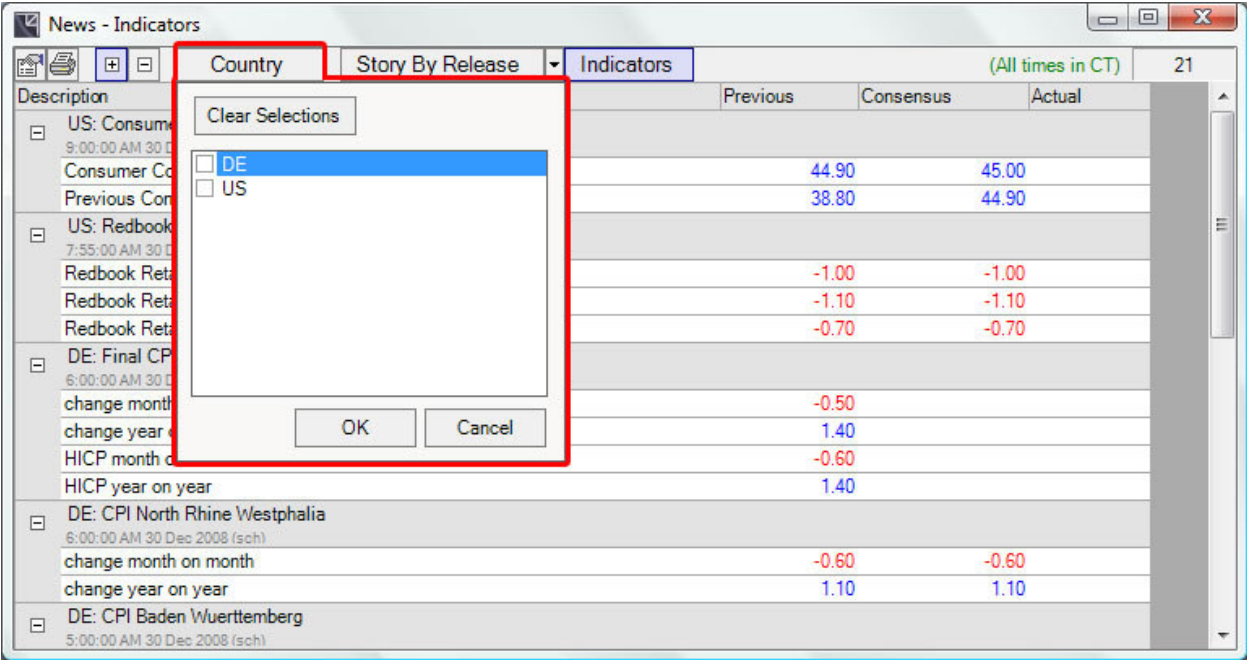


The category button allows you to choose a category of news that you want to view. The category option is available under the stories tabs.

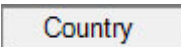
## Category

Click the category button to choose which category of news you want to view. Select as many options as you want. All stories received are received as a default

# Country



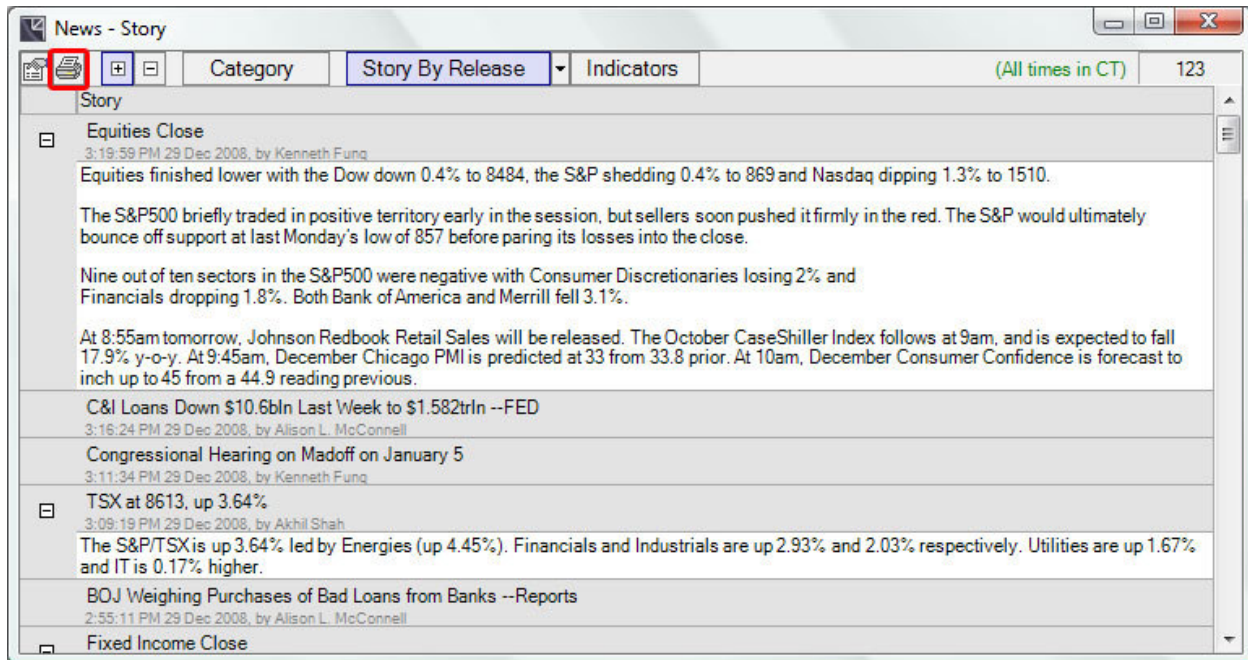
The country button allows you to choose the country you want to view news from. The country option is available under the indicators tabs. If you do not choose a country, you will receive news for all countries.



Click the country button to view news from one or more countries.



## Print



The print button allows you to print directly from the news window.

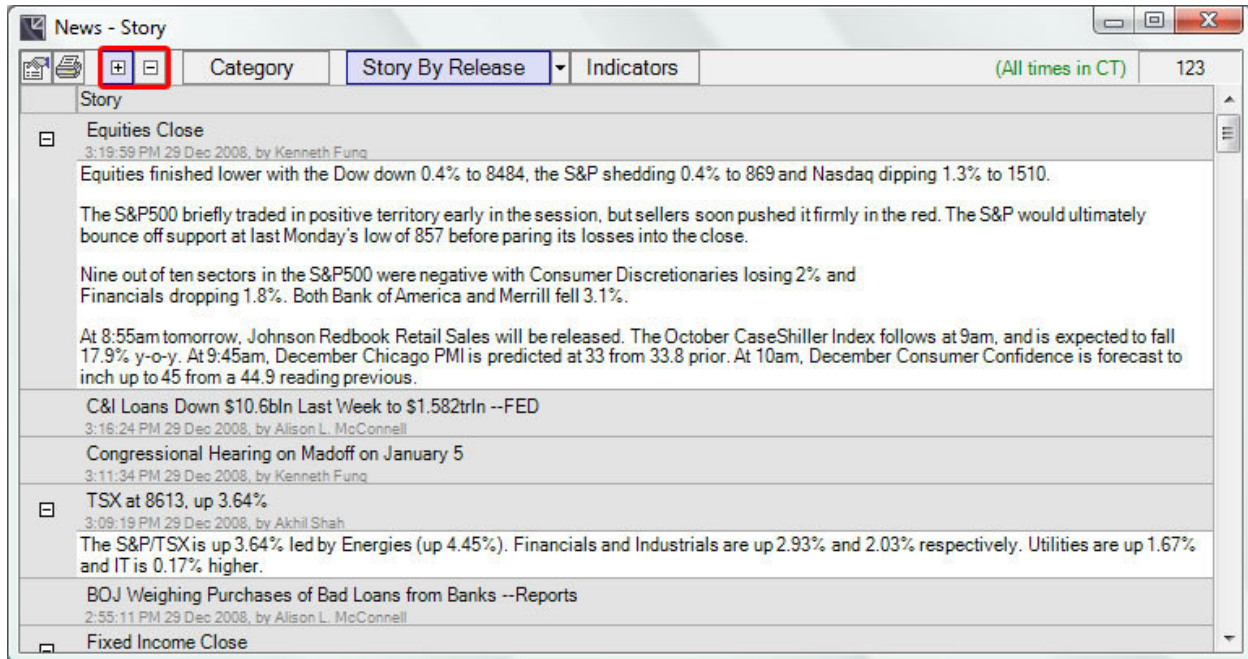


Click the print button in the upper left corner of the News window to print the news window

**Note:** A printer must be installed and configured in order to take advantage of the Print functionality

## Expand/Contract





Click plus button to expand news articles. Click the minus button to reduce the article to the headline.

## Indicators Properties

**News - Indicators**

Country: Story By Release Indicators (All times in CT) 21

Description	Previous	Consensus	Actual
<b>US: Consumer Confidence</b> 9:00:00 AM 30 Dec 2008 (sch)			
Consumer Confidence Index	44.90	45.00	
Previous Consumer Confidence Index Revised	38.80	44.90	
<b>US: Redbook Retail Sales Index</b> 7:55:00 AM 30 Dec 2008 (sch)			
Redbook Retail Sales Year over Year Week	-1.00	-1.00	
Redbook Retail Sales Year over Year Month	-1.10	-1.10	
Redbook Retail Sales Month over Month	-0.70	-0.70	
<b>DE: Final CPI - Germany</b> 6:00:00 AM 30 Dec 2008 (sch)			
change month on month	-0.50		
change year on year	1.40		
HICP month on month	-0.60		
HICP year on year	1.40		
<b>DE: CPI North Rhine Westphalia</b> 6:00:00 AM 30 Dec 2008 (sch)			
change month on month	-0.60	-0.60	
change year on year	1.10	1.10	
<b>DE: CPI Baden Wuerttemberg</b> 5:00:00 AM 30 Dec 2008 (sch)			

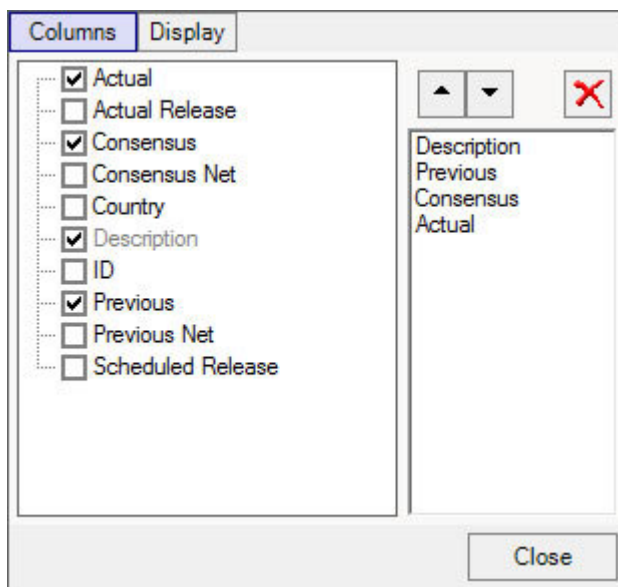
The Indicators window property pages are used to further customize how information is displayed. Columns can be added, removed, and reordered. The view's font can also be increased or decreased.



Click the Properties button in the upper left corner of the News window to open the News window Properties.

---

### ***III. Columns Tab***



The columns tab is used to add, remove, and reorder News window columns.



Add or remove columns from the view by checking their corresponding boxes in the left pane.



Change the order in which columns are displayed by selecting a column in the right pane and clicking the up or down arrows.



Remove a column by selecting it in the right pane and clicking the delete button.

---

IV. Display Tab

Columns

Display

Window Name

News - Indicators

Apply

Reset

Grid Font Size

+

-

Reset

Close

The display tab is used to override the default grid font. You are able to set a custom font size for a specific News window.

Window Name	Change the name of the News window, or reset it to the default name.
-------------	--

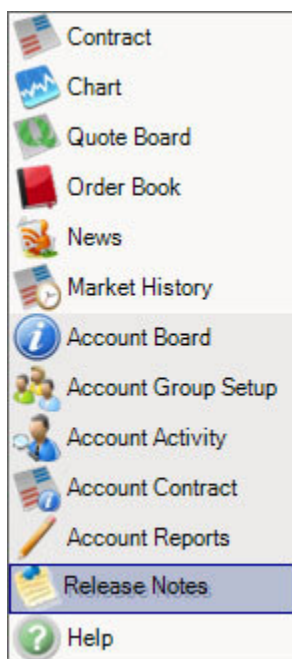
<div><div>+</div><div>-</div></div>	Increase or decrease the grid font size.
-------------------------------------	--

<div>Reset</div>	Reset the grid font to the system default.
------------------	--

---

## Release Notes

Please review the Release Notes periodically to learn what enhancements and bug fixes have been applied to the system since you last logged in. Release notes will be displayed after a new install or update. To open the Release Notes, Click the Release Notes option from the Main window's [New Item Menu](#).

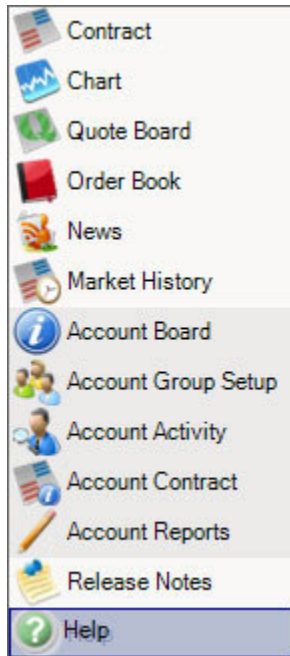




---

# Help

T4 help can be accessed from the Main window's [New Item Menu](#). Click on the “Help” option to view instructions on how to use T4.

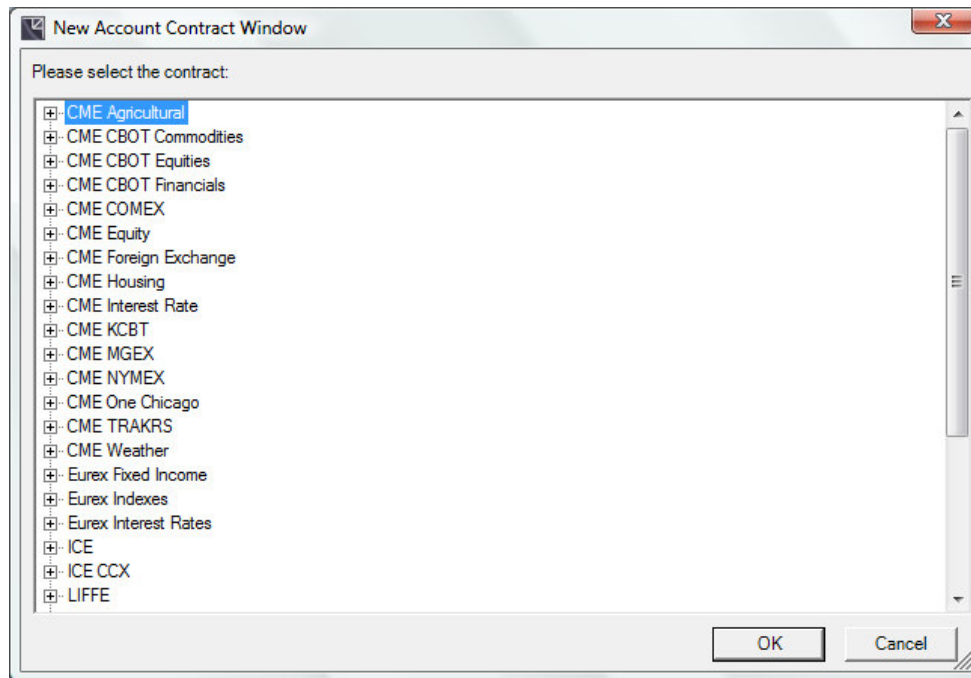




# Appendix


---

## Contract Picker



---

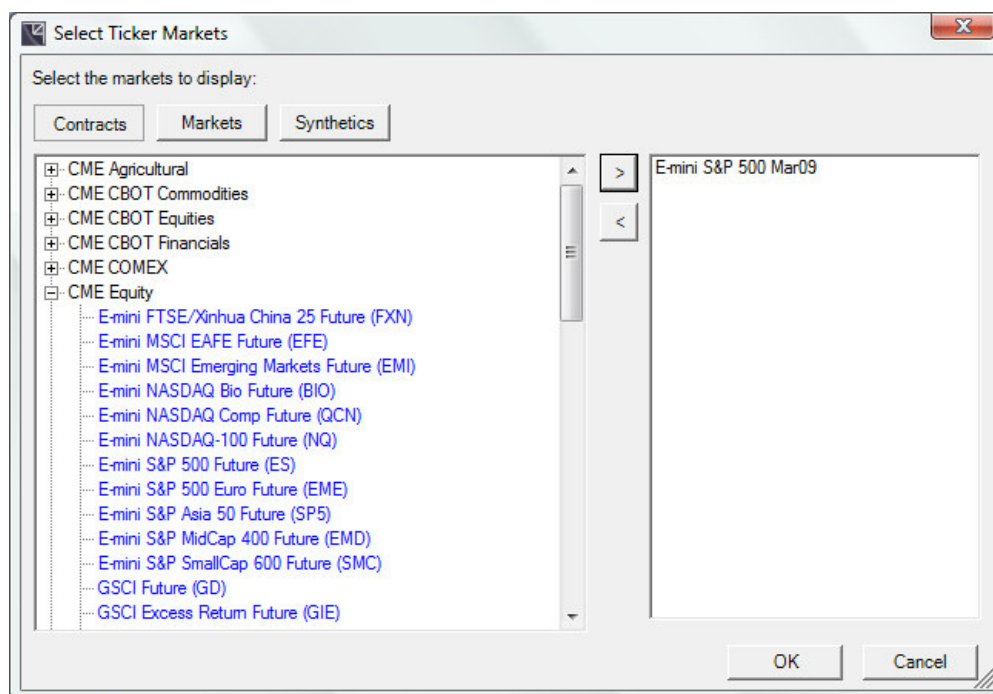
### Selecting Contracts

1. Click the  to the left of the exchanges to see a list of available contracts.
  2. Double click a desired contract or select it and click **Ok**.
-



---

# Market Picker






---

## New Buttons

1. Contracts – List of all the contracts
2. Markets – Breaks down contract into outrights and strategies so you can pick a particular month


---

## Selecting Markets

3. Click the  to the left of the exchanges to see a list of available contracts.
4. Click the  to the left of the contracts to see a list of available markets.
5. Double click a desired market or select it and click .

---

## Removing Markets

1. Select the market from the list on the right.
2. Click  to remove the market from the list on the right.

---

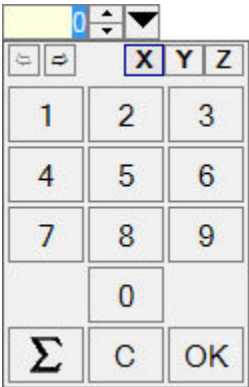
## Committing Changes

Finally, click Ok when the desired markets are visible in the list on the right.

---

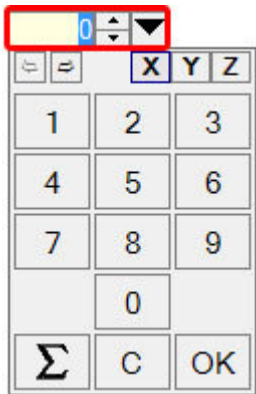
---

# Volume Picker



The Volume Picker allows for quick volume and price entry.

## Volume



Volume Picker is used throughout for volume and price entry. The spinner and drop down provide quick numerical entry for touch screens and mouse entry.



Keyboard entry is supported.



Mouse click to increase or decrease the volume by 1.

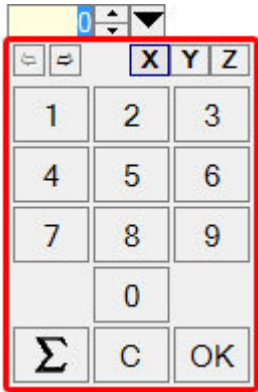
---



Open the Number Pad for single click volume changes.

---

## Number Pad



The Number Pad is used for quick numerical entry with a touch screen or mouse. Three numerical pads are provided: 0-9, 0-200, and a custom tab configurable from the [Volume Picker tab](#) in the Main Properties.



Clear the current value.

---



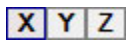
Close the Number Pad.

---



Customize the size of the Number Pad.

---



Switch between fixed number tabs. X and Y are fixed tabs. Z is configurable from the [Volume Picker](#) in the Main Properties.

---

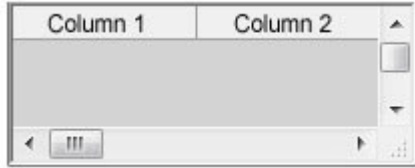


Switch between sum and chain mode.

- Sum mode: clicking 2, 2, 2 = 6
  - Chain mode: clicking 2, 2, 2 = 222
-

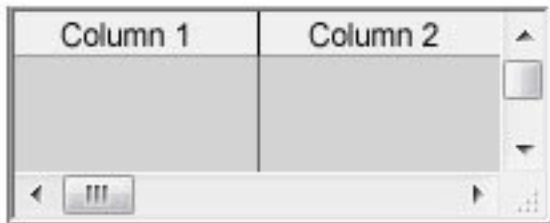
---

# Columns



Most of the grids in the system behave in the same way. Reorder columns by dragging column headers to a new location. Resize by dragging column header borders to a new width. Sort columns by clicking the column headers.

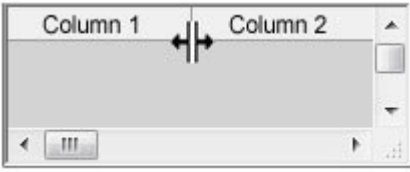
## Moving Columns



Move a column within the grid by dragging the column header with your pointer or mouse.

1. Click and hold the left mouse down on the desired column header. A vertical line will be drawn indicating where the column will be inserted.
2. With the left mouse button still down drag the column left or right. The vertical bar will move between columns indicating where the column will be inserted.
3. Let the mouse button up when the desired location is reached.

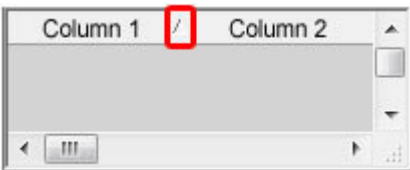
## Resizing Columns



Resize the width of a column within the grid by dragging with your pointer or mouse.

1. Click and hold the left mouse down on the right border of the column header you want to resize.
2. With the left mouse button still down drag the mouse right or left. A bar will appear indicating the new width of the column.
3. Let the mouse button up when the desired width is reached.

## Sorting Columns



Click on a column header to sort the grid. Click again to reverse the sort.



**Descending** order.



**Ascending** order.

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## DDE – Getting data into Microsoft Excel and other applications

T4 supports sending data via DDE to other applications, such as Microsoft Excel.

To send quote data you need to have an open Quote Board window containing the markets that you want to see, then click the 'DDE' button and go to Excel. Right click on a cell in Excel and choose the 'Paste' menu item. This will paste a table of links to T4 that contain the same markets and columns as your Quote Board. Alternatively, you can right click on a single value in the Quote Board and select the 'Copy DDE Link' menu item, then paste into Excel and only that value will be linked.

Note: For Excel to get quotes the Market **MUST** be displayed in the T4 frontend somewhere, either in a Quote Board or contract window **BEFORE** it is linked to from Excel. This also applies if you are loading a saved Excel spreadsheet.

The DDE link format for market data in Excel is:

=T4Screen!MKT\_<marketid>!<value>

Where:

<marketid> is the unique identifier for the market in T4. This does not match any exchange published symbol. You can only obtain these by using the above method of copying the link for a value from T4 and pasting it into Excel or some other application.

<value> is the data value of the market that you want, for example last trade price. The valid values are shown below:

---

<value>	Meaning
<b>Description</b>	The name of the market.
<b>Numerator</b>	The smallest amount that the price of a market can move by, in ticks.
<b>Denominator</b>	The denominator used for converting ticks into price and vice-versa.
<b>Settlement_Price</b>	The last settlement price received.
<b>Settlement_Ticks</b>	

---

<b>Open_Price</b>	The opening trade price for the day.
<b>Open_Ticks</b>	
<b>High_Price</b>	The highest traded price for the day.
<b>High_Ticks</b>	
<b>Low_Price</b>	The lowest traded price for the day.
<b>Low_Ticks</b>	
<b>Mode</b>	The current market state, e.g. PreOpen, Open, Closed etc.
<b>Total_Traded_Volume</b>	The total volume traded by this market today.
<b>e</b>	
<b>Last_Trade_Volume</b>	The last volume traded at the current price. If the frontend is set to show the total traded at this price since the last price changed then that value will be sent, otherwise the volume just traded will be sent.
<b>Last_Trade_Price</b>	The price of the last trade to occur.
<b>Last_Trade_Ticks</b>	
<b>Bid_Volume</b>	The volume of the current best bid.
<b>Bid_Price</b>	The price of the current best bid.
<b>Bid_Ticks</b>	
<b>Offer_Volume</b>	The volume of the current best offer.
<b>Offer_Price</b>	The price of the current best offer.
<b>Offer_Ticks</b>	
<b>Net_Change_Price</b>	The net change from the last settlement price to the last trade price.
<b>Net_Change_Ticks</b>	

The last trade information will include trades in outrights due to spreads trading if the frontend is configured to show that information itself.

The Bid and Offer information will include implied prices if the frontend is configured to show it.

The difference between the ‘\_TICKS’ and ‘\_PRICE’ values is that the ‘\_PRICE’ values are display prices (what you see on the frontend, e.g. 30yr bond = 11215) and the ‘\_TICKS’ values are the internal equivalent that can have math done on it (e.g. 30yr bond = 11215 = 112 points + 15/32 = expressed as a total number of 32nds is  $(112 * 32) + 15 = 3599$ ).

To send account and position data you can use the same method as above, except using the Account window instead of the Quote Board. Note that if you trade in a new market then Excel will not automatically detect that position, you must place links in Excel for each specific position that you want.

The DDE link format for account data in Excel is:

=T4Screen!ACT\_<accountid>!<value>

Where:

<accountid> is the unique identifier for the account in T4. This does not match the account number or name. You can only obtain these by using the above method of copying the link for a value from T4 and pasting it into Excel or some other application.

<value> is the data value of the account that you want, for example P&L. The valid values are shown below:

<value>	Meaning
<b>Description</b>	The name of the account.
<b>Account</b>	The account number.
<b>Firm</b>	The firm this account belongs to.
<b>Status</b>	The status of this account, e.g. OK, Blocked etc.
<b>PL</b>	The total P&L of all the positions for this account
<b>UPL</b>	The total unrealized P&L of all the positions for this account.
<b>RPL</b>	The total realized P&L of all the positions for this account.
<b>Overnight_UPL</b>	The total unrealized P&L due to fills carried over from the previous trading day of all the positions for this account.
<b>Cash</b>	The amount of available cash the account has available to trade with. Takes into consideration the Balance, P&L and Margin.
<b>Net_Equity</b>	The balance of the account if all positions were closed. Takes into consideration the Balance and P&L.
<b>Margin</b>	The total margin requirement for all the positions for this account.
<b>Balance</b>	The start of day balance of the account.

The DDE link format for position data in Excel is:

=T4Screen!POS\_<accountid>\_<marketid>!<value>

Where:



<accountid> is the unique identifier for the account in T4. This does not match the account number or name. You can only obtain these by using the above method of copying the link for a value from T4 and pasting it into Excel or some other application.

<marketid> is the unique identifier for the market in T4. This does not match any exchange published symbol. You can only obtain these by using the above method of copying the link for a value from T4 and pasting it into Excel or some other application.

<value> is the data value of the position that you want, for example P&L or net position. The valid values are shown below:

<value>	Meaning
<b>Description</b>	The name of the market this position is for.
<b>Net</b>	The net position of this account in this market.
<b>PL</b>	The total P&L of this position.
<b>UPL</b>	The unrealized P&L from the open position.
<b>RPL</b>	The realized P&L from the closed position.
<b>Overnight_UPL</b>	The unrealized P&L due to positions carried over from the previous trading day.
<b>Margin</b>	The margin requirement for this position.
<b>Buys</b>	The total number of contracts bought.
<b>Sells</b>	The total number of contracts sold.
<b>Working_Buys</b>	The number of buy contracts that are working.
<b>Working_Sells</b>	The number of sell contracts that are working.

---

# Keyboard Order Entry and Revisions

You can now enable keyboard based order entry and revision tickets. To enable them go to Main window properties, Main tab and enable the 'Keyboard Order Entry' setting. This will display a simple order ticket at the bottom of each Quote Board and Order Book window.

Note: Please ensure that your Num Lock key is ON.

## Quote Board

<b>Up Arrow</b>	Select the market above the currently selected market.
<b>Down Arrow</b>	Select the market below the currently selected market.
<b>Home</b>	Select the top market.
<b>End</b>	Select the bottom market.
<b>F5 or +</b>	Join the Bid
<b>F6 or -</b>	Join the Offer
<b>F9</b>	Lift the Offer
<b>F10</b>	Hit the Bid
<b>F9</b>	Lift the Offer
<b>F10</b>	Hit the Bid
<b>Tab or *</b>	Move the focus between the fields of the order ticket.
<b>Up/Down or +/-</b>	Increase or decrease the volume, price and account fields by the smallest increment. You can also type values into the volume, price and account fields.
<b>Page Up/Page Down</b>	Increase or decrease the volume, price and account fields by the largest increment. You can also type values into the volume, price and account fields.



<b>Escape or /</b>	Cancel the order ticket.
<b>Enter</b>	Submit the order.  Only regular limit orders can be entered through this ticket.
<b>TKT</b>	Open a regular order ticket window where you can enter Stop, GTC, and other order types.
<b>F3</b>	Make the Quote board window active. If you have more than one Quote Board window then pressing F3 repeatedly will cycle through them all.



Clicking the bid price, bid volume, offer price and offer volume columns will also open a bid or offer ticket to join or hit the market.



You can set a default volume for each market by adding the 'Volume' column to the Quote board window (via the Quote Board's Properties window), then clicking on the volume in the grid and entering the default volume you want.



## I. Printable Quick Reference


### Quote Board Keyboard Entry


  
  
 Select market

  
  
 Select the top or bottom market

 OR   
 Join the Bid

 OR   
 Join the Offer

  
 Lift the Offer

  
 Hit the Bid



  


Contract	Market	Mi	Net Change	High	Low	Last Trade	Last Trade Vol	Total Traded	Bid Price	Bid Vol	Offer Price	Offer Vol	Volume
SIM:30yr Bond	Sep07	●	-7	10707	10623	10629	1	374261	10628	658	10629	1497	4
SIM:Mini-Dow	Sep07	●	+15	13593	13492	13535	1	130150	13534	3	13535	13	2
SIM:Mini-Gold	Jul07	●	+43	6489	6431	6459	3	77	6480	(1)	6490	1	0
SIM:E-mini S&P 500	Sep07	●	+150	152800	151550	152050	1	1232241	152050	300	152075	244	5
SIM:Eurodollar	Jul07	●	-0.50	9464.50	9464.00	9464.25	116	9179	9464.00	2182	9464.25	1334	1



  

**SIM:E-mini S&P 500 Sep07**  


TKT Vol: 
Limit: 
Act: 
Submit
Cancel

 OR   
 Move the focus between fields of the orderticket

  
 Submit the order  
*Only regular limit orders can be entered through this ticket.*



 OR   
 Cancel the order ticket





**Make the Quote board window active**



*If you have more than one Quote Board window then pressing F3 repeatedly will cycle through them all.*

 OR 

OR

 OR 

**Increase or decrease the volume and price fields by the smallest increment**

 OR 

**Increase or decrease the volume and price fields by a larger increment**

*You can also type values into the volume and price fields.*

*Set a default volume for each market by adding the 'Volume' column to the Quote Board window (via the Quote Board Properties window), then clicking on the volume in the grid and entering the default volume you want.*







## Order Book


<b>Up Arrow</b>	Select the order above the currently selected order.
<b>Down Arrow</b>	Select the order below the currently selected order.
<b>Home</b>	Select the top order.
<b>End</b>	Select the bottom order.
<b>F7</b>	Open a revision ticket for that order (only if it is working). If the order is not a simple limit order then the regular order ticket window will be displayed.
<b>F8</b>	Pull the selected orders, or if an order is currently displayed in the revision ticket it will pull that order.
<b>F11</b>	Select the next working order.
<b>Tab or *</b>	Move the focus between the fields of the order ticket.
<b>Up/Down or +/-</b>	Increase or decrease the volume, price and account fields by the smallest increment You can also type values into the volume, price and account fields.
<b>Page Up/Page Down</b>	Increase or decrease the volume, price and account fields by the largest increment. You can also type values into the volume, price and account fields.
<b>Escape or /</b>	Cancel the order ticket.
<b>Enter</b>	Revise the order. Only regular limit orders can be revised this way.
<b>TKT</b>	Open a regular order revision ticket for the selected order.
<b>F4</b>	Make the Order Book window active. If you have more than one Order Book window then pressing F4 repeatedly will cycle through them all.


## II. Printable Quick Reference

### Order Book Keyboard Entry

  
  
 Select the order

  
  
 Select the top or bottom order

  
 Open a revision ticket  
*If the order is not a simple limit order then the regular order ticket will be displayed.*



  
 Select the next working order


**All - Order Book**



Submit Time	Market	Buy/Sell	Volume	Order Type	Fills	Status
12:47:34 PM	SIM:E-mini S&P 500	Buy	0/1	L:152075		Working...
12:46:32 PM	SIM:E-mini S&P 500	Sell	0/1	L:152625		Canceled
12:46:08 PM	SIM:E-mini S&P 500	Buy	0/1	L:152125		Canceled


**SIM:E-mini S&P 500 Sep07**



TKT Vol:  Limit:  Revise Cancel Pull


  
 OR   
 Move the focus between fields of the order ticket


  
 Revise the order  
*Only regular limit orders can be revised through this ticket.*

  
 OR   
 Cancel the order ticket

  
 Pull Order  
*Pulls the highlighted order(s) in the Order Book.*  
  
*If an order is currently displayed in the revision ticket it will be pulled.*

  
 OR   
 Increase or decrease the volume and price fields by the smallest increment

  
 Increase or decrease the volume and price fields by a larger increment  
*You can also type values into the volume and price fields.*

  
 Make the Order Book window active  
*If you have more than one Order Book window then pressing F4 repeatedly will cycle through them all.*

Open a regular order revision ticket window for the selected order.





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