FundXchange QuoteBoard Lite, FundXchange, SUPPORTURL: http://blog.fundxchange.co.za, helpdesk@fundxchange.co.za,
SUPPORTPHONE: 021 913 8201

Service Disclaimer

 Use of the product and other services accompanying your license and its documentation are governed by the terms set forth in your license. Such use is at your sole risk. The service and its documentation (including this manual) are provided "AS IS" and without warranty of any kind and FUNDXCHANGE(PTY)LTD. AND ITS LICENSORS EXPRESSLY DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND AGAINST INFRINGEMENT. FUNDXCHANGE DOES NOT WARRANT THAT THE FUNCTIONS CONTAINED IN THE SERVICE WILL MEET YOUR REQUIREMENTS, OR THAT THE OPERATION OF THE SERVICE WILL BE UNINTERRUPTED OR ERROR-FREE, OR THAT DEFECTS IN THE SERVICE OR ERRORS IN THE DATA WILL BE CORRECTED. FURTHERMORE, FUNDXCHANGE DOES NOT WARRANT OR MAKE ANY REPRESENTATIONS REGARDING THE USE OR THE RESULTS OF THE USE OF THE SERVICE OR ITS DOCUMENTATION IN TERMS OF THEIR CORRECTNESS, ACCURACY, RELIABILITY, OR OTHERWISE. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY FUNDXCHANGE OR A FUNDXCHANGE AUTHORIZED REPRESENTATIVE SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO THE ABOVE EXCLUSION MAY NOT APPLY.

UNDER NO CIRCUMSTANCES INCLUDING NEGLIGENCE, SHALL FUNDXCHANGE, ITS LICENSORS OR THEIR DIRECTORS, OFFICERS, EMPLOYEES OR AGENTS BE LIABLE FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES (INCLUDING DAMAGES FOR LOSS OF BUSINESS, LOSS OF PROFITS, BUSINESS INTERRUPTION, LOSS OF BUSINESS INFORMATION AND THE LIKE) ARISING OUT OF THE USE OR INABILITY TO USE THE SERVICE OR ITS DOCUMENTATION, EVEN IF FUNDXCHANGE OR A FUNDXCHANGE AUTHORIZED REPRESENTATIVE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SOME JURISDICTIONS DO NOT ALLOW THE LIMITATION OR EXCLUSION OF LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APLY. In no event shall FundXchange’s total liability to you for all damages, losses, and causes of action (whether in contract, tort, including negligence, or otherwise) exceed the amount paid for the product and its documentation.

Trading Disclaimer

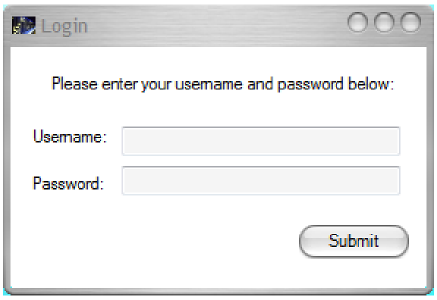
No offer or solicitation to buy or sell securities, securities derivative or futures products of any kind, or any type of trading or investment advice, recommendation or strategy, is made, given or in any manner endorsed. Past performance, whether actual or indicated by historical tests of strategies, is no guarantee of future performance or success. Active trading is generally not appropriate for someone of limited resources, limited investment or trading experience, or low-risk tolerance, or who does not have capital to risk. There is a risk of loss in stock and futures trading. Market data and order transmission may be delayed or unavailable at times due to system and software errors, Internet traffic, outages and other factors. Trading carries a high level of risk and may not be suitable for all investors. There is a possibility that you may sustain a loss equal to or greater than your entire investment; therefore, you should not invest or risk money that you cannot afford to lose. You should be aware of all risks associated with trading.

Prerequisites

This trading platform requires a Windows 2000, XP, Vista or higher operating system with at least 128MB of free RAM, 2GHz or higher processor, at least 50MB of free disk space and an Internet connection (a high speed connection is preferred). Because this trading application is web based, the application requires a constant and uninterrupted connection to the Internet. If your Internet connection is disconnected while using the application, you will not be able to view quotes or trade until the Internet connection is restored. If you receive error messages stating that the Internet connection is unavailable but you are certain that your computer is connected to the Internet, please edit your firewall and/or anti-virus settings to grant FundXchange QuoteBoard Lite access to the Internet.

Data Login

The login screen will display after the application loads. The login screen requires a username, password and data server address, all of which are assigned to you by FundXchange



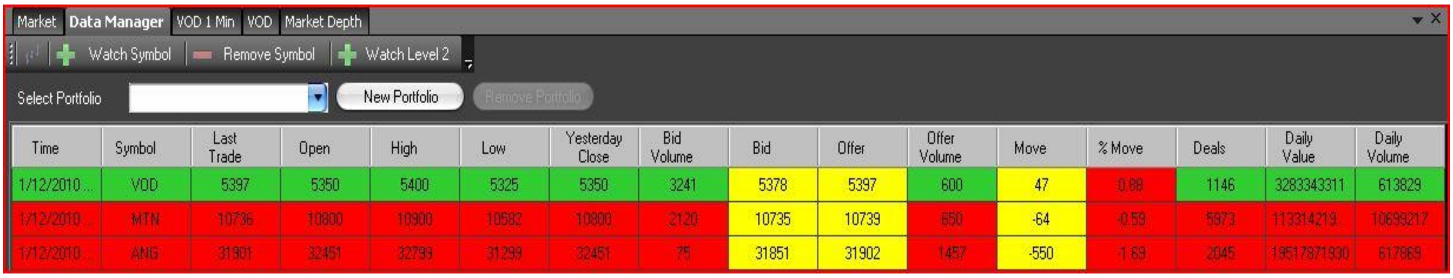
Enter the information and ensure your computer has Internet connectivity, then click OK to continue. The FundXchange QuoteBoard Lite Data Manager screen will display if the login is successful.

Main Screen

The main screen consists of menus and toolbars. Depending on the trading platform version that you have installed, you will see a Data Manager. The Data Manager window allows you to monitor symbols in real time also known as a "Watch List". If you have subscribed to level-2 data, you will also be able to monitor a level-2 symbol in real time. There are two types of level-2 data. For non-professional users the market depth is 5 deep and for professional users it is more than 5 deep.

Data Manager

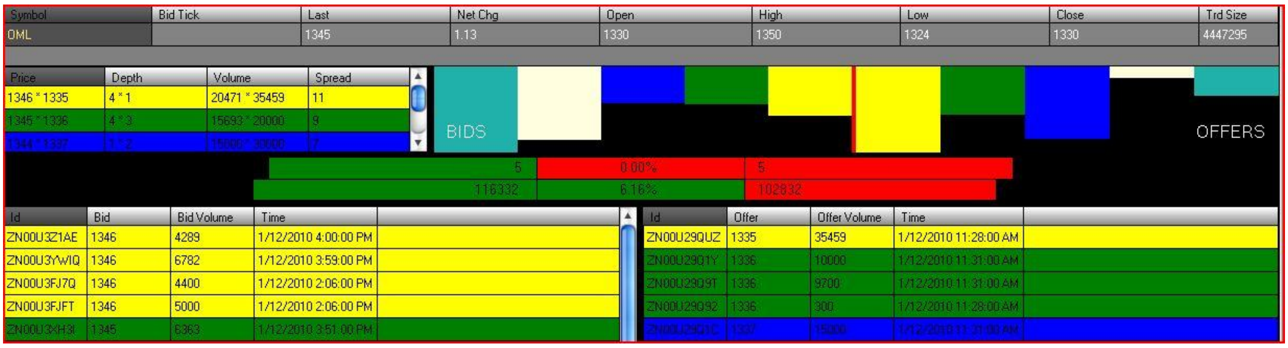
The Data Manager window consists of a toolbar, a level-1 or level-2 quote screen. The level-1 screen has been implemented in the Data Manager.



Time	Symbol	Last Trade	Open	High	Low	Yesterday Close	Bid Volume	Bid	Offer	Offer Volume	Move	% Move	Deals	Daily Value	Daily Volume
1/12/2010 ...	VOD	5397	5350	5400	5325	5350	3241	5378	5397	600	47	0.88	1146	3283343311	613829
1/12/2010 ...	MTN	10736	10800	10900	10582	10800	2120	10735	10739	650	-64	-0.59	5973	113314219	10699217
1/12/2010 ...	ANG	31901	32451	32799	31299	32451	75	31851	31902	1457	-550	-1.69	2045	19517971930	617869

The level-1 screen displays a list of symbols with their associated prices, volume, bid/ask, and other information. This list is updated in real time.

The level-2 screen (if available) can display a single symbol's level-2 information, consisting of Market Maker ID, best prices, bid/ask, etc. The level-2 screen also displays the percentage of bids relative to offers and the relative percentage difference between the sum of shares at the Bid or the Offer.

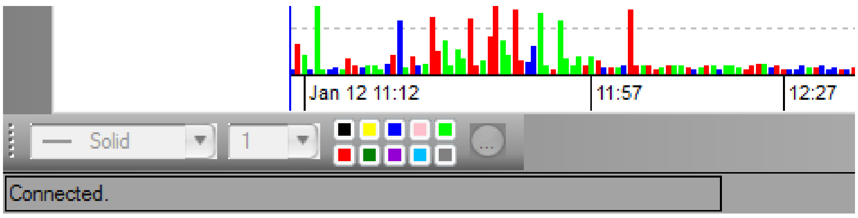


To add a symbol to the level-1 screen, simply click the green Add Symbol button then type the symbol in the symbol text box.
To remove a symbol, click the red Remove Symbol button. Certain symbols may not be removed from the level-1 quote screen if they are in use by the system (a trading system or news alert may be using the symbol). An error message will display if the symbol cannot be removed.

The save and load buttons allow you to save and load workspaces. A workspace is a list of charts and symbols that may be automatically loaded into the main screen.

The Data Manager window also contains two shortcut buttons for accessing charts and news alerts.

Connection Status
The Connection Status tab displays system messages pertaining to the data feed connection status. This is displayed at the bottom left hand corner of the application screen. The Alerts & Messages tab displays information such as trading alerts, news alerts, broker messages, etc. An alert sound will play when the alert box is updated. Alerts are visible on the Desktop.

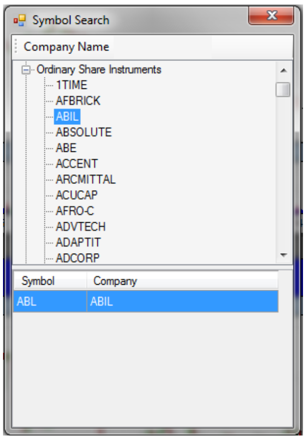


Charts
To load a chart, click the chart button on the Data Manager toolbar.

A data selection screen will display. Here you may specify the symbol, chart periodicity, bar interval, and bar history. Click the OK button to load the chart.

A three-dimensional candle chart will display by default. You may change the candle style to standard two-dimensional candles, open-high-low bars, or a number of other price styles listed in the Price Style drop down menu. There are 11 different price charts available to choose from.

The user can also go to the drop down menu and select a symbol from the symbol lookup function to display a chart.



Technical indicators may be added to the chart via the Technical Indicator menu. Simply select a technical indicator then click on the chart. Note that if you have multiple charts open at the same time, you must click on a chart to select it prior to selecting a technical indicator. If multiple charts are shown on the same screen, a selection border will be drawn around the selected chart. As you can see in the image below, a blue selection border has been drawn around the lower chart area, which is currently selected:

Once a technical indicator has been added to the chart, you may edit the indicator's properties by first left clicking on the indicator, then right clicking and selecting "Properties". The indicator property dialog will display, where you can change indicator parameters and colors. By selecting the indicator first the user can also change the line thickness and colour from the pallet at the bottom left corner of the screen.

You can drag and drop series from one area of the chart to another. To do so,simply click the series then drag it into another area (such as on top of the price bars).

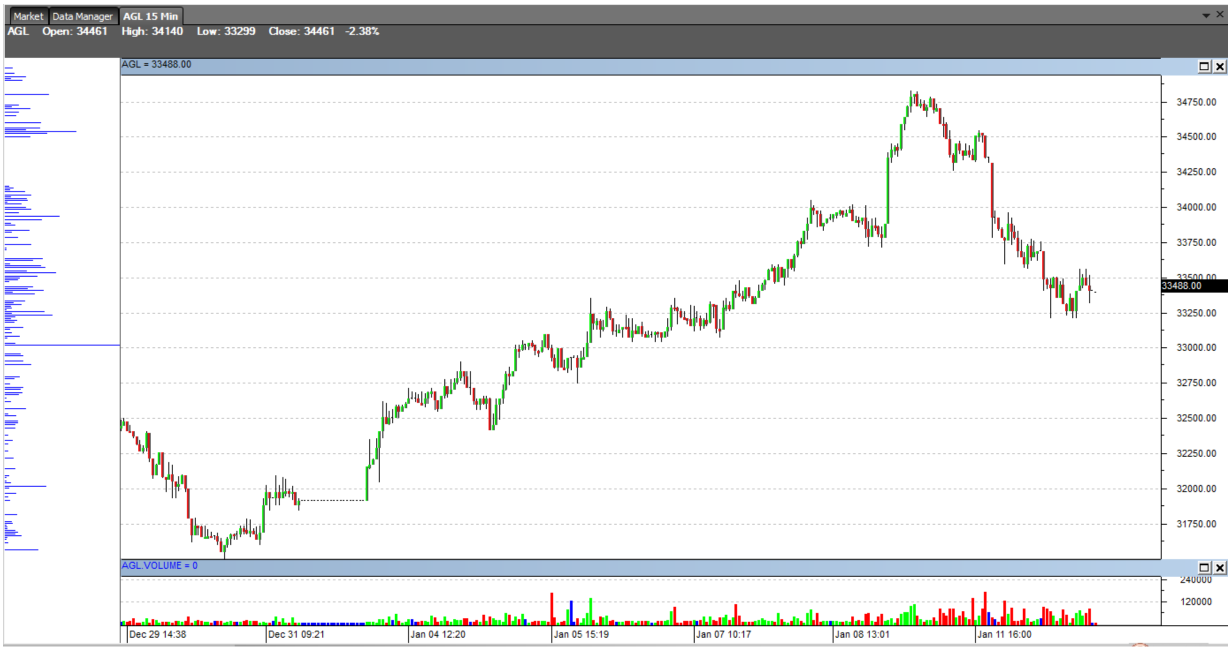
You can also resize chart panels. Simply click near the borders and drag the panel either up or down.

To navigate the chart, click the zoom in, zoom out, scroll left and scroll right buttons located on the chart toolbar. By right clicking on the chart the user can access certain functionality. Note that a chart can only be scrolled after you have zoomed in to a certain degree.

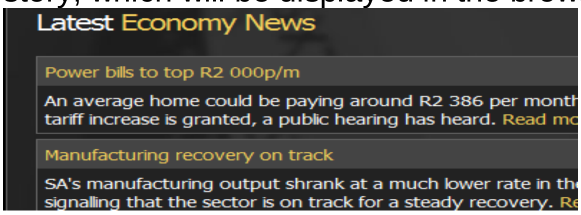
Trend lines, Gann fans, Error channels and other line studies can be added via the "Chart Tools" menu.

You can also add arrows, text objects, and other objects via the "Chart Tools" menu. These objects may be placed anywhere on the chart and may be repositioned or removed by a left click.

Volume at Price Chart
FundXchange also displays volume that was traded at the specific price on the chart. This is displayed on the Y-axis on the left side of the chart.
At the bottom of the chart the user can see the volume that was traded at time interval selected (example: 1 minute chart). This volume is colour coded so that if the candle is uo from the previous one the volume bar is reflected in green and red if it is down.



Excel Import/Exporting
All values on a chart may be exported to Excel. Simply click a chart to select it then click the Export button on the main toolbar.
To import data from Excel, first open the Excel sheet that contains the data, then click the Import button on the main toolbar and select the data from within Excel.
The Excel sheet must contain one record per line, with the date, open, high, low, close, and volume values.
News
FundXchange QuoteBoard Lite can display news stories and process alerts for specific symbols.
To view news headlines, click the Messages and Alerts button on the main toolbar.
FundXchange provides news on the International, Company and Economic front.
If news stories are available, the headlines will be displayed in a list on the right side of the news form as shown below. You may double click or left click on any news headline to retrieve the news story, which will be displayed in the browser window on the right side of the news window.



Trade Alerts
You can provide program instructions to display trade alerts by clicking the Alert button on the side toolbar.
You can provide instructions that tell the application to play a sound or place a trade when a specific series of events occur, as specified by four program scripts. A script is a set of instructions written in the TradeScript™ programming language. For example, a script might consist of just one line such as “LAST > 350 AND HIGH > 351.25”, or it may consist of many lines of instructions.
A separate programming manual is provided for the TradeScript™ language, which can be viewed by clicking the Script Guide button on any Alert window.

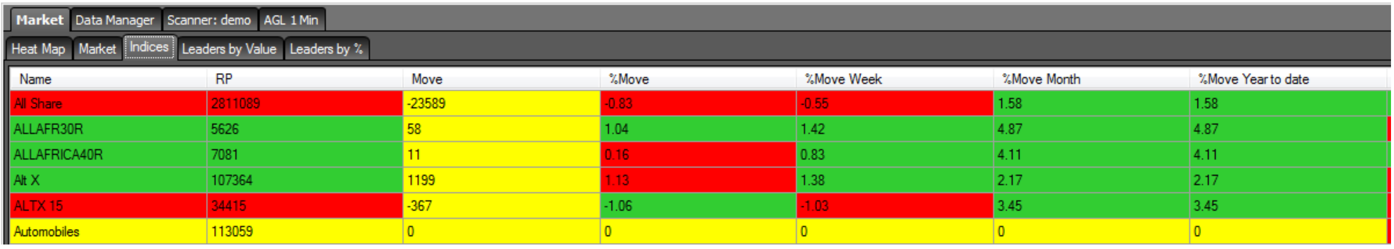
You can load an existing alert by selecting an Alert name from the drop down menu (if any exist). To create a new alert, type an alert name, data selection criteria, enter at least a buy and sell script (exit-short and exit-long scripts are optional), then select the Automated Trading check box if you desire to place trades automatically. Finally, click the Enable Alerts button to turn the alert on.

When the underlying data is matched with one of your alert scripts, an alert will broadcast to all your running Desktop.

To disable an alert at any time, simply click the Disable Alerts button.

Market Tab

The Market tab which can accessed from the drop down list displays 5 different tabs. These tabs give the user access to the top twenty Leaders and Losers' of the day, Leaders by Value traded and Volume traded, Indices, Market snapshot and a Heat map of the top 40 shares.



Name	RP	Move	%Move	%Move Week	%Move Month	%Move Year to date
All Share	2811089	-23589	-0.83	-0.55	1.58	1.58
ALLAFR30R	5626	58	1.04	1.42	4.87	4.87
ALLAFRICA40R	7081	11	0.16	0.83	4.11	4.11
Alt X	107364	1199	1.13	1.38	2.17	2.17
ALTX 15	34415	-367	-1.06	-1.03	3.45	3.45
Automobiles	113059	0	0	0	0	0

Heat Map

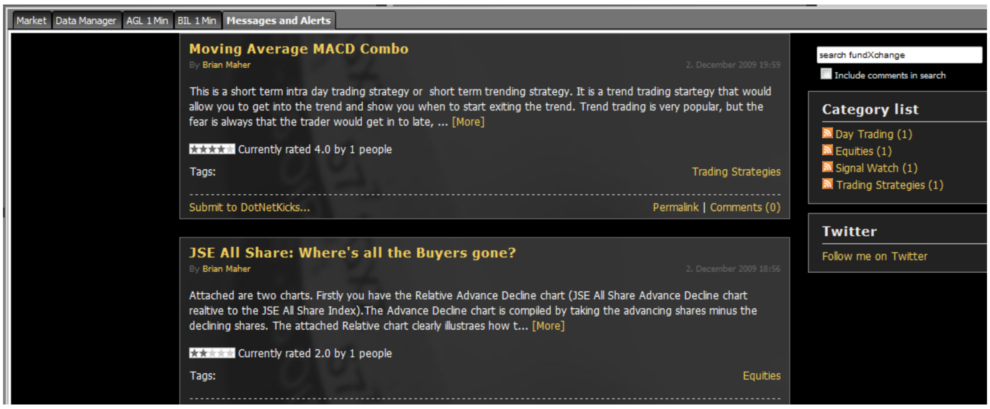
The Heat Map displays the movement of the top 40 largest listed shares on the exchange. The size of the square is not equivalent to market cap, but relevant to the volume traded in the share for the day.

Ticker tape

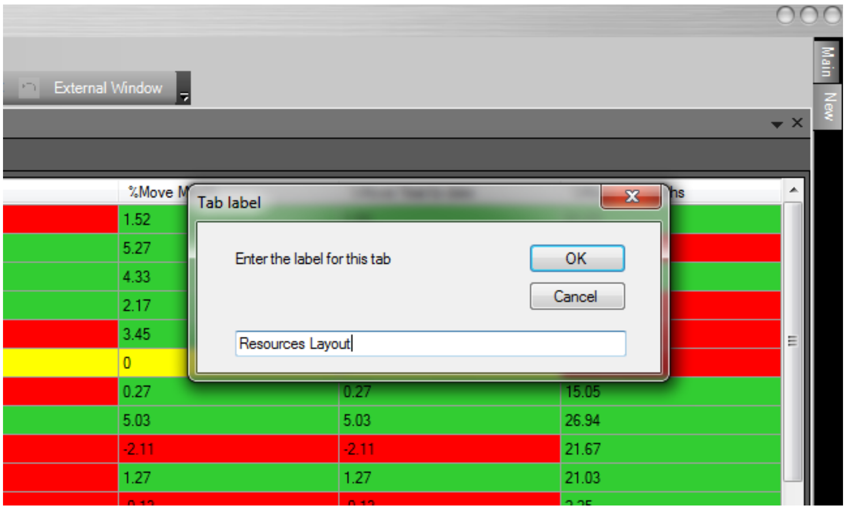
The ticker tape displays the sense news and the shares that are in your Data Manager.

By clicking on the sense news item it will display the full sense news item in a separate window.

Blog
There are various different types of Blogs available in FundXchange.
You can also create your own blog within the platform.



Save Layout Tabs
In the top right hand corner of the application the user will see the “Save Layout Function” tab. This allows the user to save different layouts within the platform. By clicking the different tabs the user would be able to move between the different layouts. This provides single monitor users the functionality of multiple monitors.



Technical Support
You can find answers to your questions using our online support knowledge base at http://blog.fundxchange.co.za
You may contact technical support by sending an email to helpdesk@fundxchange.co.za - please allow 48 hours for a reply, excluding weekends and holidays.
Simply call SUPPORTPHONE: 021 913 6476 for Technical Support.