

1. USING THIS MANUAL

This manual is designed to familiarize new users with the HTML5 charting tool interface. Through this manual, user will learn and understand the various features and functions offered.

1.1 System Requirements

To ensure that you are able to run the HTML5 chart smoothly, please check that your computer system meets the following requirements:

Speed of Processor	Intel Celeron Duo Core 1.6GHz or higher
Memory (RAM)	2GB RAM or higher
Display Resolution	Super VGA (1024 x 800)
Peripherals	Mouse and Keyboard
Internet Connectivity	Required for updating stock data
Browsers	Google Chrome (version 40 and above) Mozilla Firefox (version 35 and above) Internet Explorer (version 10 and above) Safari (version 7 and above)

Getting to Know Lim&Tan Securities

LTS is a Web Chart is a world class, one stop solution that integrates alerts and analysis through chart features all in one interface. This tool comprises of the following segments:

1. Default Page and Widget LTS

2. Widget List

3. Working with Chart

Finding success in the market is all about finding the right opportunities in a timely manner. LTS Web Chart provides this necessity for success in 2 ways with firstly alerts from sound strategies that all clients receive and secondly user customized alerts such as breaking a user-drawn trendline. Coupled with the alerts, LTS Web Chart offers a wide array of indicators for users to deepen their technical analysis where necessary.

1. DEFAULT PAGE AND WIDGET LTS

Let's take a look at the Default page and Widget.

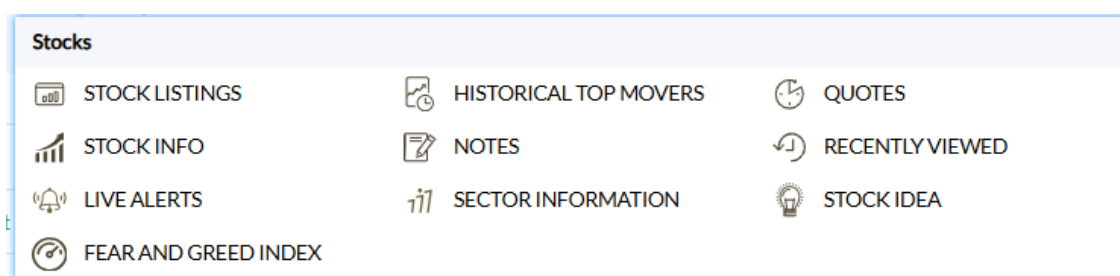
Display the Sector Info and Stock Idea widgets on the right panels, and the Live Alerts and Stocks Listing widgets on the left panels.



2. WIDGET LIST

Let's take a look at the Widget List

The list includes Stock Listings, Stock Info, Live Alerts, Fear and greed index, Historical Top Movers, Notes, Sector Information, Quotes, Recently Viewed and Stock Idea.

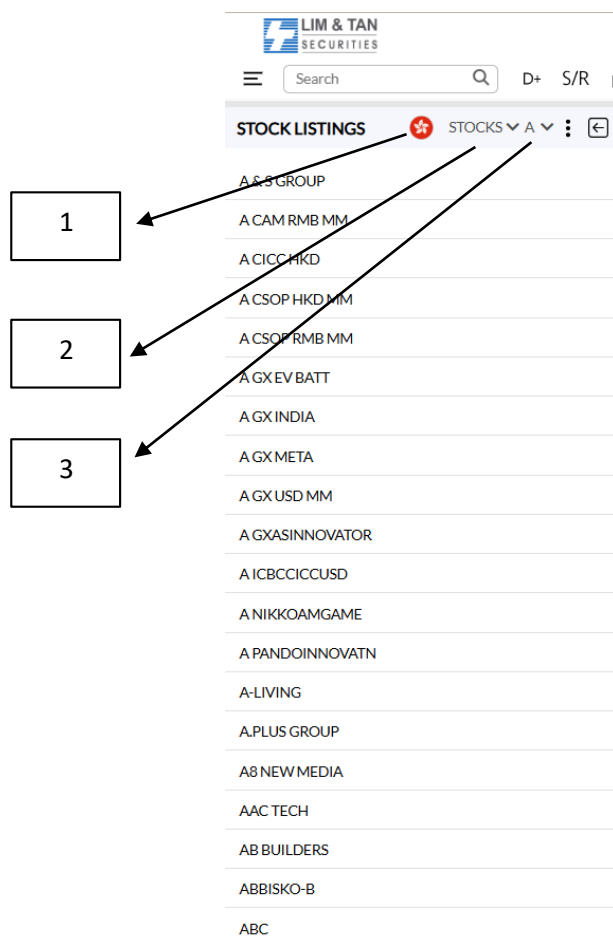


2.1 STOCK LISTINGS

Let's take a look at the Stock Listings

The user can click on any stock name to open a chart.

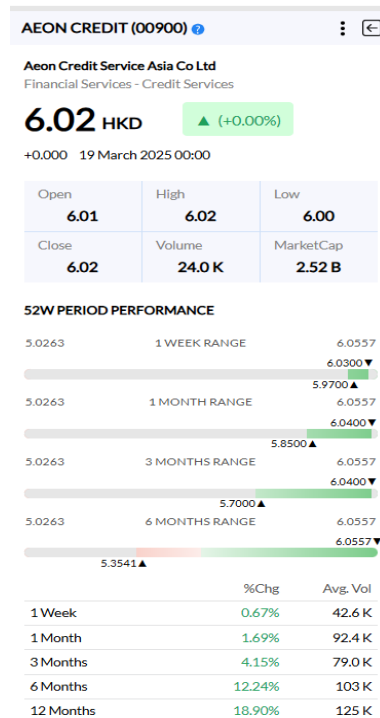
1. Click on this icon to show the dropdown list of all available markets.
2. Click on this icon to show the dropdown list which contains stocks, indices or movers of last trading day.
3. Click on this icon to show the dropdown list which enables the selection in alphabet A to Z and 0 to 9 to find a stock.



2.2 STOCK INFO

Let's take a look at the Stock Info

The user is able to view the stock information of any counter.



2.3 LIVE ALERTS

Let's take a look at the Announcements

Announcements will be displayed according to the market.

LIVE ALERTS ALL ▼ ⚙️ ⋮ ⬅️

Time	Stock	Pattern
5:04pm	Pacific Radiance	Bullish MACD Crossover
4:59pm	Noel Gifts Intl	Volume increase and price breakout
4:59pm	Koh Bros	Volume increase and price breakout
4:54pm	CapLand IntCom T	Support - Broken with High Volume
4:54pm	AF Global	MA20 as resistance in downtrend
4:51pm	IX Biopharma	MA50 as resistance in downtrend
4:51pm	IX Biopharma	Support - Broken with High Volume
4:50pm	Sabana Reit	Volume increase and price breakout
4:50pm	Sabana Reit	Bullish MACD Centerline Crossover
4:48pm	Bund Center	Bullish MACD Crossover
4:46pm	Centurion	Volume increase and price breakout
4:41pm	PSC Corporation	Resistance - Breakout with High Volume
4:41pm	Hafary	Volume increase and price breakout

Click on dropdown button to select available market

Click on this button to open alerts management

Click on the title of each column to sort the alerts

User can set certain constraints in the settings window to filter the alerts.

1. Insert the minimum and maximum price constraints, volume and period, ADR, relative strength and %P, the alerts will be reflected accordingly.

2. Select the rules you prefer to be shown in LIVE ALERTS.

The screenshot shows the 'Alerts Management' window. It is divided into two main sections: 'MARKET' and 'LIVE ALERTS'.

MARKET Section: This section is for setting constraints for the 'SGX' market. It includes input fields for 'Min. Price' (0), 'Max. Price' (10000), 'Min. Volume' (10000), 'Period' (10), 'Min. ADR' (0), 'Max. ADR' (100), 'Min. RS' (0), 'Max. RS' (100), 'Min. %P' (0), and 'Max. %P' (100). A bracket labeled '1' groups these settings.

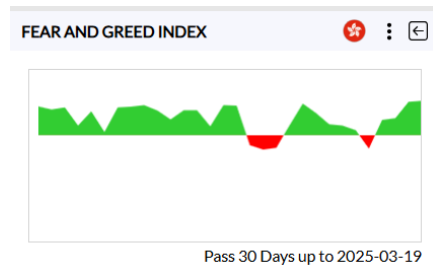
LIVE ALERTS Section: This section lists various alert rules that can be selected or deselected. A bracket labeled '2' groups these rules. The rules listed are:

- ☒ All
- ☒ Resistance - Breakout with High Volume
- ☒ Support - Broken with High Volume
- ☒ Bullish MACD Crossover
- ☒ Bullish MACD Centerline Crossover
- ☒ Bearish MACD Crossover
- ☒ Bearish MACD Centerline Crossover
- ☒ RSI oversold - RSI cross below 30
- ☒ RSI overbought - RSI cross above 70
- ☒ Volume increase and price breakout
- ☒ MA20 as support in uptrend
- ☒ MA20 as resistance in downtrend
- ☒ MA50 as support in uptrend
- ☒ MA50 as resistance in downtrend
- ☒ Relative Volume

2.4 FEAR AND GREED INDEX

Let's take a look at the Fear and Greed Index feature.

Displays the Fear and Greed index to reflect the market sentiment for the selected market



The Fear and Greed Index visually represents market sentiments and shows whether fear or greed dominates the market. This is achieved by tracking factors such as volatility, momentum, and demand for safe-haven assets.

It helps users gauge the emotional extremes that can indicate potential turning points.

High greed levels may signal overbought conditions, while high fear suggests oversold opportunities.

2.5 HISTORICAL TOP MOVERS

Let's take a look at the Historical Top Movers.

The user is able to view historical top movers for different market.

HISTORICAL TOP MOVERS				
HKSE		18 Mar 2025		
Top Volume	Top Gainers	Top Losers	Top% Gainers	Top% Losers
Stock Name	L.Price	Chg	Chg%	
UB-HSI @EP2509A (1...	0.044	-0.007	-15.9%	
JP-HSI @EP2508B (14...	0.09	-0.014	-15.6%	
JP-HSI @EP2508A (14...	0.084	-0.013	-15.5%	
JP-HSI @EP2509B (14...	0.101	-0.014	-13.9%	
JP-HSI @EP2508D (14...	0.105	-0.015	-14.3%	
JP-HSI @EP2509C (14...	0.087	-0.012	-13.8%	
JP-HSI @EP2510A (29...	0.041	-0.005	-12.2%	
SG-HSI @EP2508A (14...	0.079	-0.012	-15.2%	

2.6 NOTES

Let's take a look at the Notes.

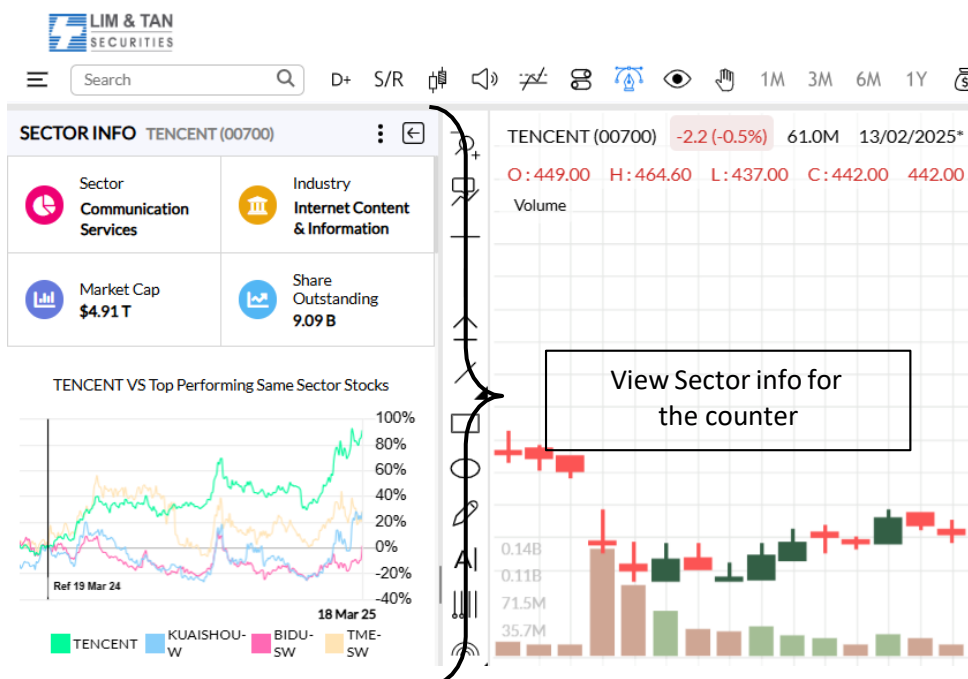
Able to display the created notes on the chart based on the selected counter or market.



2.7 SECTOR INFORMATION

Let's take a look at the Sector Information feature.

Sector Info Panel provides the company Sector, Industry, Market Capital, Shares Outstanding and other information at a glance. Below is the example shown in HKSE.



2.8 QUOTES

Let's take a look at the Quotes feature.

The user is able to view top movers from the selected market. The value will be highlighted and update to the latest price.

QUOTES					SGX		
	Top Volume	Top Gainers	Top Losers	Top % Gainer	Top % Loser		
Stock Code	Last Vol	+/- %Chng	Buy Vol	Sell Vol			
OKH Global	0.045	+0.003	0.044	0.045			
S3N	22.53M	+7.1%	1.5M	5.21M			
HSI 23200M...	0.08	+0.009	0.08	0.082			
RCCW	17.12M	+12.7%	10.1M	9.41M			
CapLand Int...	2.09	+0.010	2.08	2.09			
C38U	16.46M	+0.5%	2.29M	3.8M			
Genting Sing	0.77	+0.010	0.765	0.77			
G13	12.05M	+1.3%	3.48M	1.69M			
HSI 21800M...	0.065	+0.008	0.065	0.066			

2.9 STOCK IDEA

Let's take a look at the Stock Idea feature.

Allows users to screen stocks based from their selected metrics.

1. Click on the market icon, it will show list of market and user can select.
2. Click on the template drop down menu, it will show available template that user can select, edit and save. Each template will contain the user's saved metrics and filters that they can reuse anytime by simply selecting.
3. Click on the column setup drop down menu, it will show list of metrics and user can select by clicking the checkbox and the chosen metric will be added as a new column.
4. Click on the period drop down menu, users can select a period which will determine the change in price and volume values based time frame.
5. Click on the categories drop down menu, it will show list of stock categories that users can choose from. Each stock categories will generate the list of stocks that follow the metrics required by the category.

Market Dropdown

Settings

1

2

3

4

5

6

STOCK IDEA
TEMPLATE 1
COLUMN SETUP
1 DAY
TOP GAINERS (%)

Stock Exchange	Date	Price	(1D) Change %	(1D) Change	(1D) Volume	Market Cap	Sector
25238 HKSE	19/03/2025	0.25	217.86%	0	0	-	-
28149 HKSE	19/03/2025	0.061	190.63%	-0.032	61K	-	-
28521							

TEMPLATE 1
 Template 1
 Template 2
 Template 3
 Template 4
 Template 5

COLUMN SETUP
☒ Stock Exchange
☒ Date
☒ Price
☒ Change %
☒ Change
☒ Volume
☒ Market Cap
☒ Sector
☒ Industry
☒ %P
☒ ADR%
☒ RS Ranking

1 DAY
 1 Day
 1 Week
 1 Month

TOP GAINERS (%)
 Top Gainers (%)
 Top Losers (%)
 Volume Leaders
 All-time High
 All-time Low
 New Monthly High
 New Monthly Low
 Gapper

6. Click on the screener filters will shows the editable filters that user can edit based on their own preference. User will need to check the checkbox to enable the filter and input their desired values. Do take note that stocks generated by the screener is **calculated using End of day data**.

Settings

<input type="checkbox"/> Moving Average 1 Above/Below MA	MA Period 20-day Above	Type Simple MA2	Source Open	<input type="checkbox"/> Price dist. vs MA 1 (%) Above/Below MA	Min. 0 Max. 1000000 Above
<input type="checkbox"/> Moving Average 2 Above/Below MA	MA Period 50-day Above	Type Simple MA1	Source Open	<input type="checkbox"/> Price dist. vs MA 2 (%) Above/Below MA	Min. 0 Max. 1000000 Above
<input type="checkbox"/> Moving Average 3 Above/Below MA	MA Period 100-day Above	Type Simple MA1	Source Open	<input type="checkbox"/> Price dist. vs MA 3 (%) Above/Below MA	Min. 0 Max. 1000000 Above
<input checked="" type="checkbox"/> Price Change (%) Period	Min. 0 Max. 1000000 1D	<input type="checkbox"/> Volume Change (%) Above/Below MA			
Min. 0 Max. 1000000 1D		Min. 0 Max. 1000000 1D			

2.10 RECENTLY VIEWED

Let's take a look at the Recently Viewed.

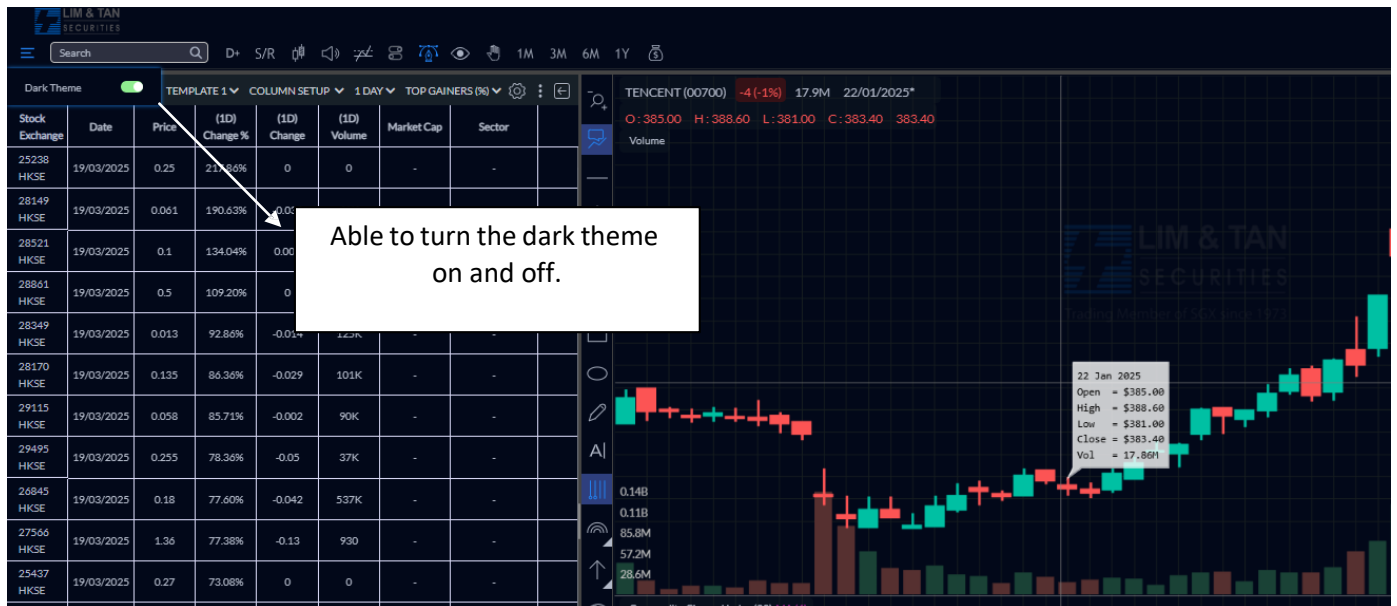
The user is able to view the recently viewed counter

RECENTLY VIEWED			
Stock Name	L.Price	Chg	Chg%
• NEXG	0.265	0.000	0.00
• EFORCE	0.23	0.000	0.00
• G3	0.01	0.000	0.00
• SENTINELON	19.9	-0.190	-0.95
• SG	0.02	0.000	0.00
• CIMB	7.5	0.000	0.00
• PBBANK	4.53	-0.060	-1.31
• KIBB-HSI- (0652CA)	0.345	0.015	4.55

3.WORKING WITH CHART

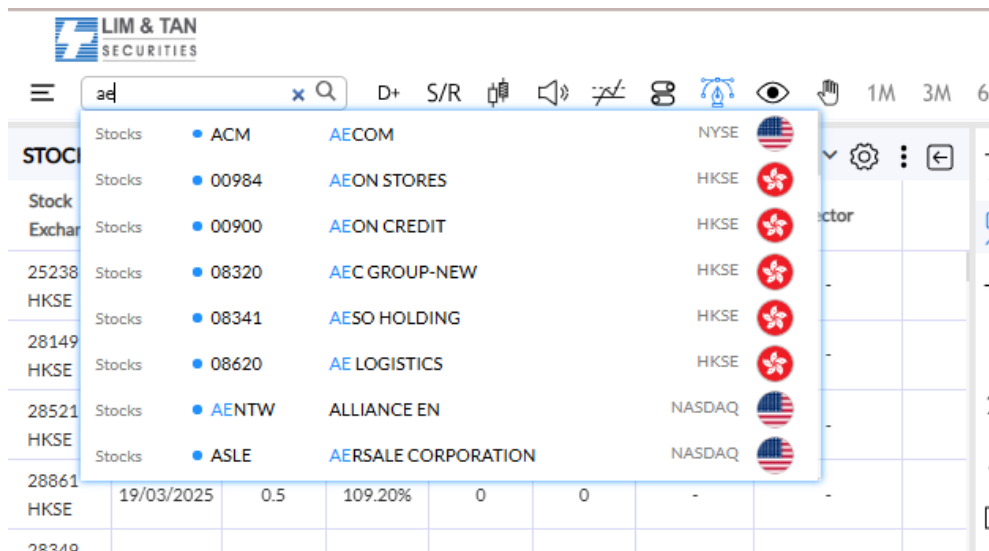
3.1 Dark Theme

Turn on the dark theme to switch to dark mode.



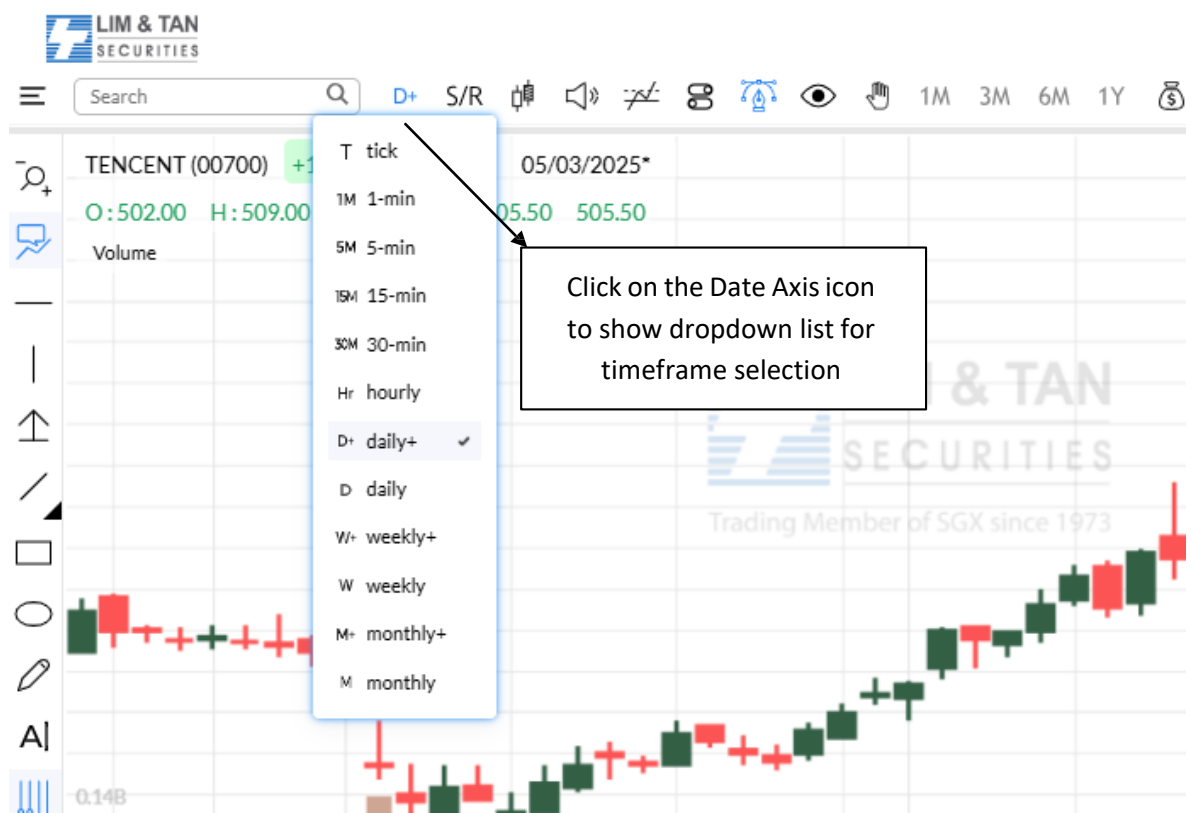
3.2 Search Stock

Type the name or code of the stock in the search box to search, click on the stock name and the chart will appear.



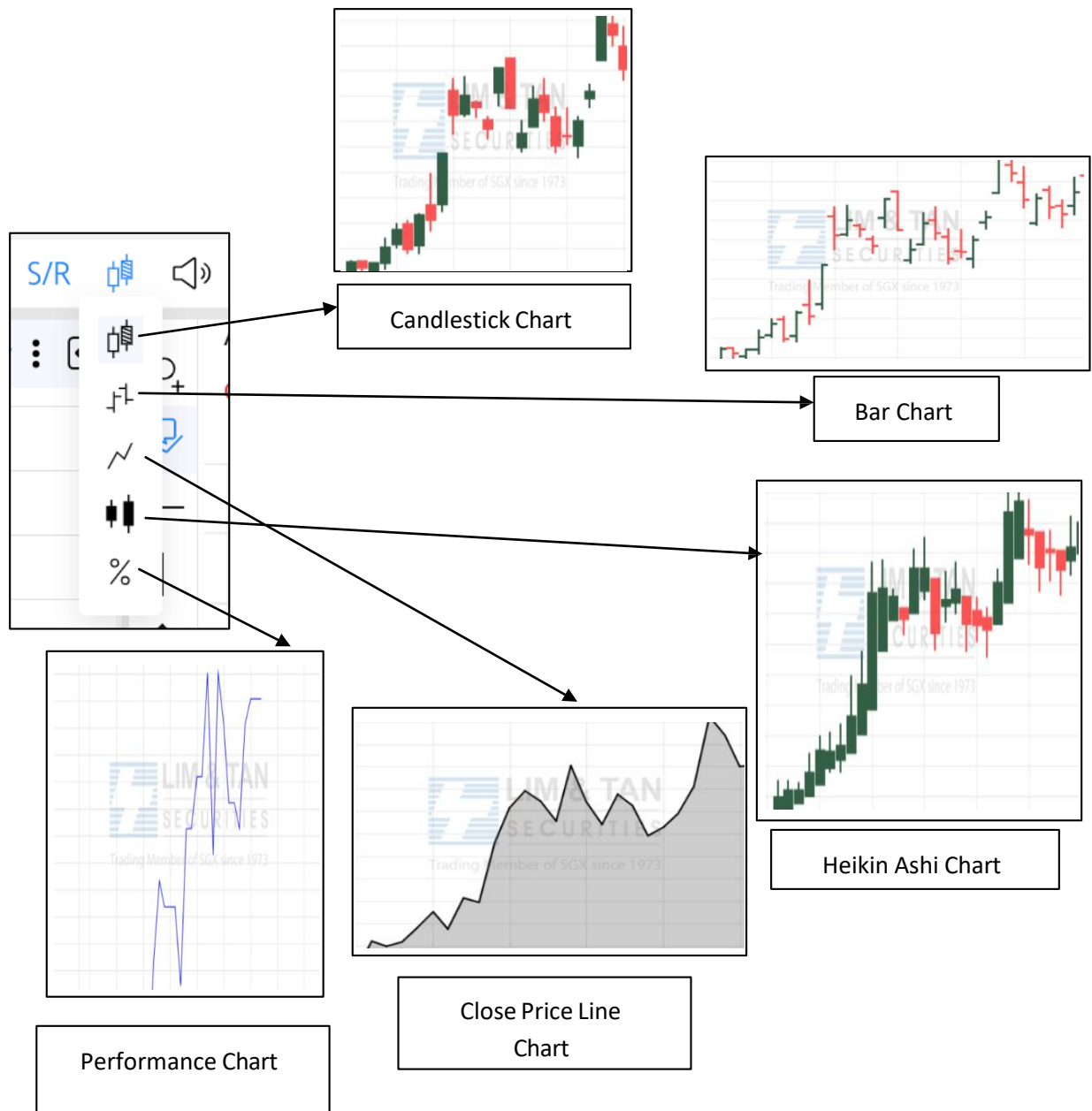
3.3 Changing the chart time frames

You are able to view intraday (tick, 1 min, 5 min, 10 min, 15 min, 30 min, hourly), daily+, daily, weekly+, weekly, monthly+ and monthly chart.



3.4 Using Different Chart Types

You are able to view the plotted chart 5 different ways by clicking on Candlestick, Bar Chart, Close Price Line, Heikin Ashi or Performance Chart button on top of the chart:



3.5 Toggle News and Notes On Chart

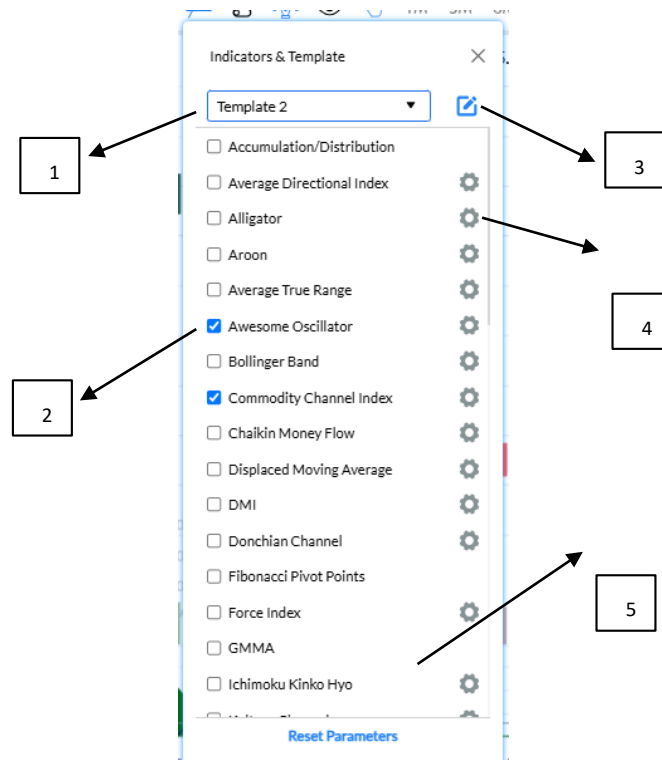
You are able to turn on and off icons for notes, and adjustments on the chart.



3.6 Indicator and Templates

1. Click on the 'Template' title to show the indicator list.
2. User can check or uncheck the checkbox for each indicator to show or hide it in the chart.
3. Click on the pencil icon to rename template
4. Click on the setting button to configure the indicator setting.
5. Click on the 'Reset Parameters' button to reset all the indicators back to default setting.

Glossary of Indicators:



3.6.1 Improvements on the indicator Feature

1. Indicator Legend changes

Quick toggle for Indicator on chart without accessing to Indicators List panel

2. Hide/show the specific indicator

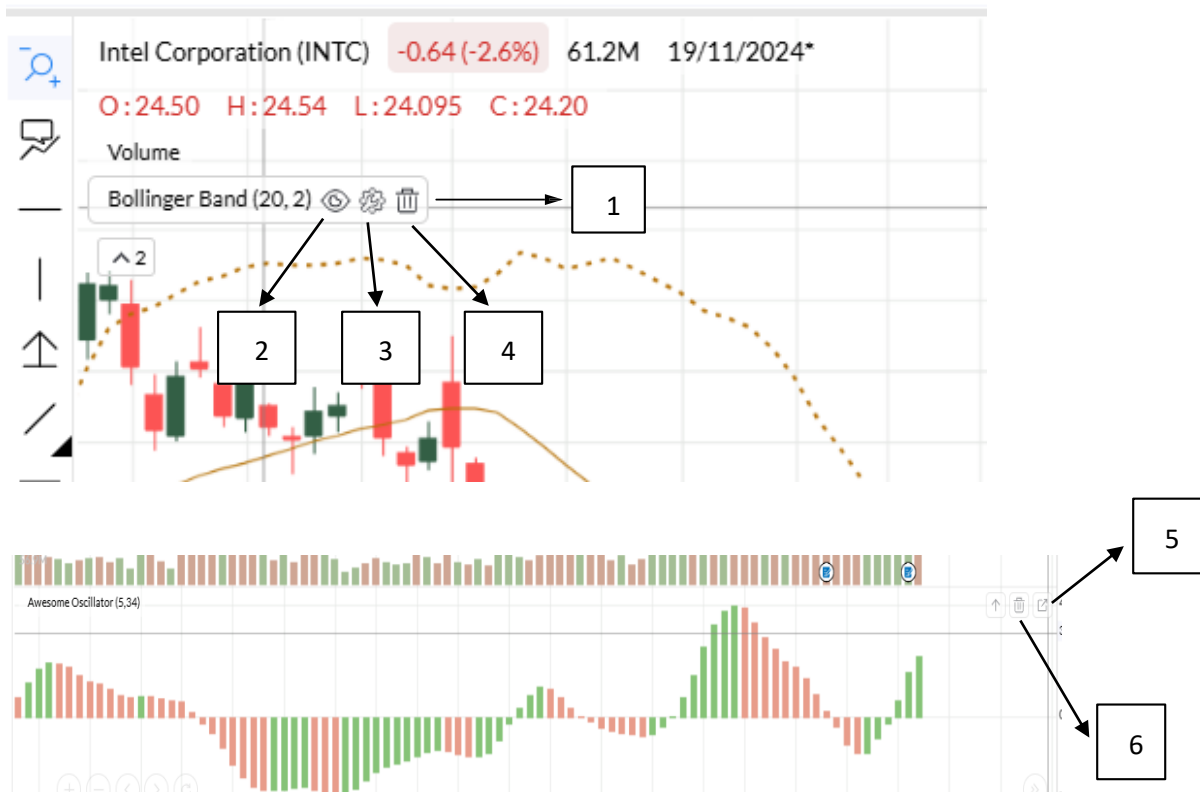
3. Access to indicator parameters easily for any changes

4. Remove indicator from chart with a click

5. Expand to full view on the indicator

6. Remove indicator from chart with a click

Arrangement of indicator:

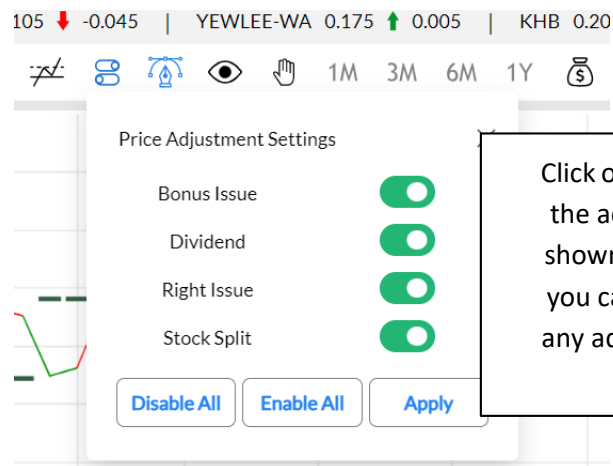


3.7 Other widget on chart

1. Zoom In
2. Zoom Out
3. Scroll Left
4. Scroll Right
5. Reset Chart

3.8 Adjustments

Corporate actions such as Bonus issue, Dividend, Right issue and Stock split will be shown as a bell on chart. You can enable or disable any corporate action adjustment on your chart here.



3.9 Drawing Tools

Click on the drawing icon to show or hide the drawing tools on the left panel.



3.9.1 Zooming in and out of the chart

Click on the point cursor and drag left or right to zoom in or out of the chart.



3.9.2 View Data Labels

Click on the data label button to make the data label constantly visible.



3.9.3 Drawing Lines

To make analysis easier, you can draw vertical line, horizontal line, gain loss ruler line, draw line, parallel line, trend line, regression line, projection line, and line with arrow head in the chart.



3.9.4 Rectangle and Translucent Oval

You can draw rectangle and translucent oval in the chart.



3.9.5 Adding Comments

Adding comments to a chart can help you to record and recall what you have observed. Besides, it will be good too if you are sharing the chart with someone else later and you would like to provide your own insights and comments in it.



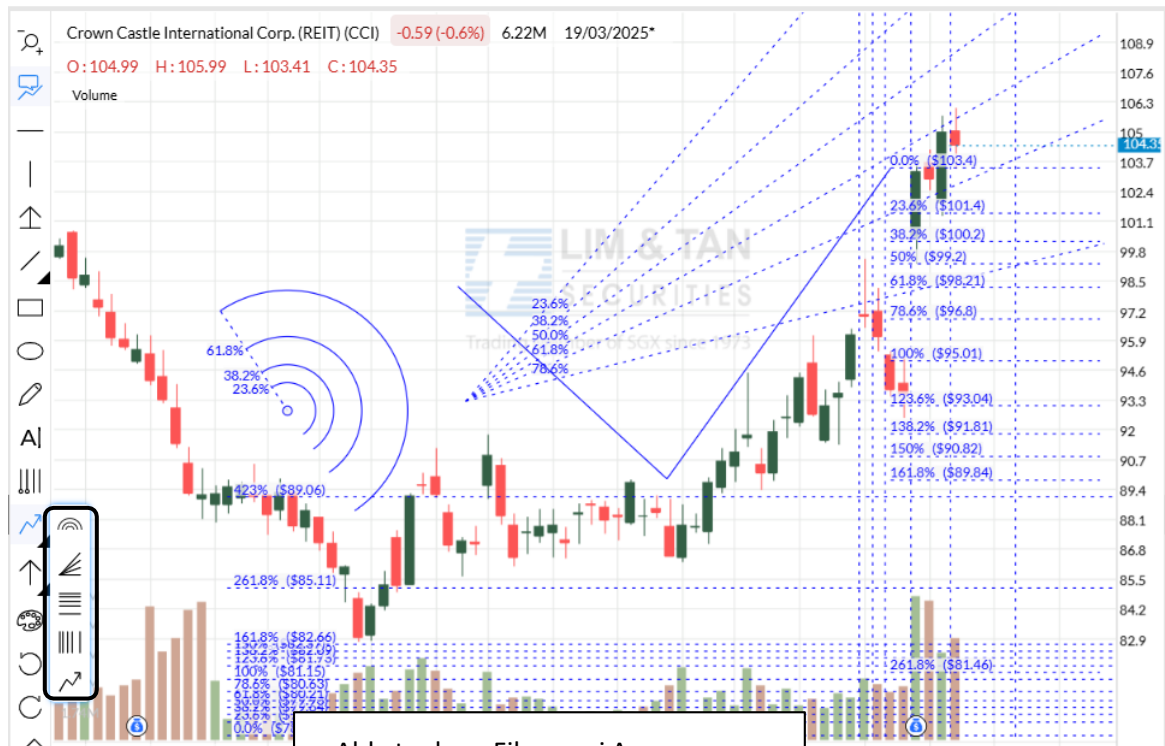
3.9.6 Cyclic lines

You can draw cyclic lines on the chart.



3.9.7 Fibonacci Drawing tools

No charting tool would be complete without the Fibonacci series.



3.9.8 Change Drawing Color

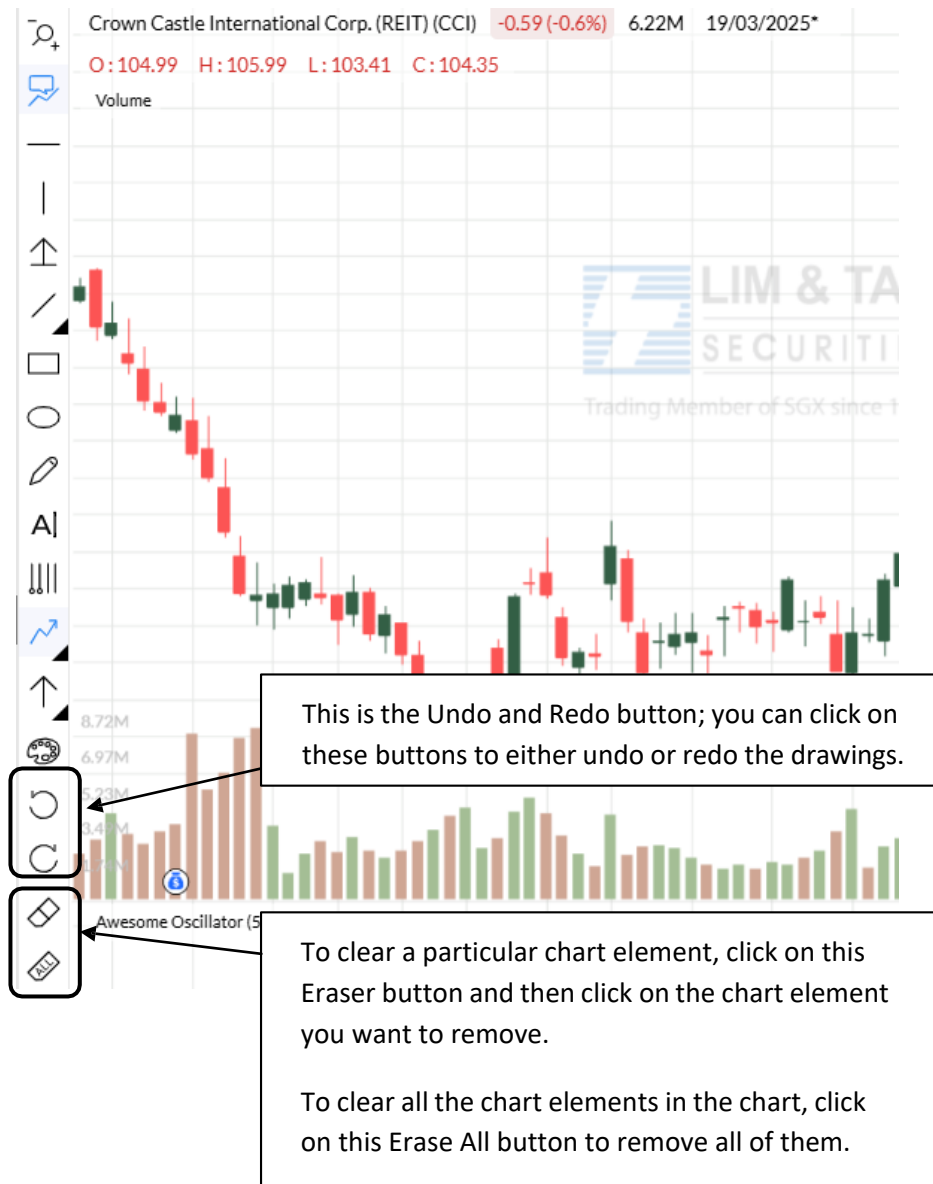
You can change the color setting for all of the chart elements. To change the color, click on color button before you insert or add the chart elements. You can also select any drawing on the chart, and change the color using the below.



Click on this change color button and select any color in the color palette, then click "Ok" to confirm the changes

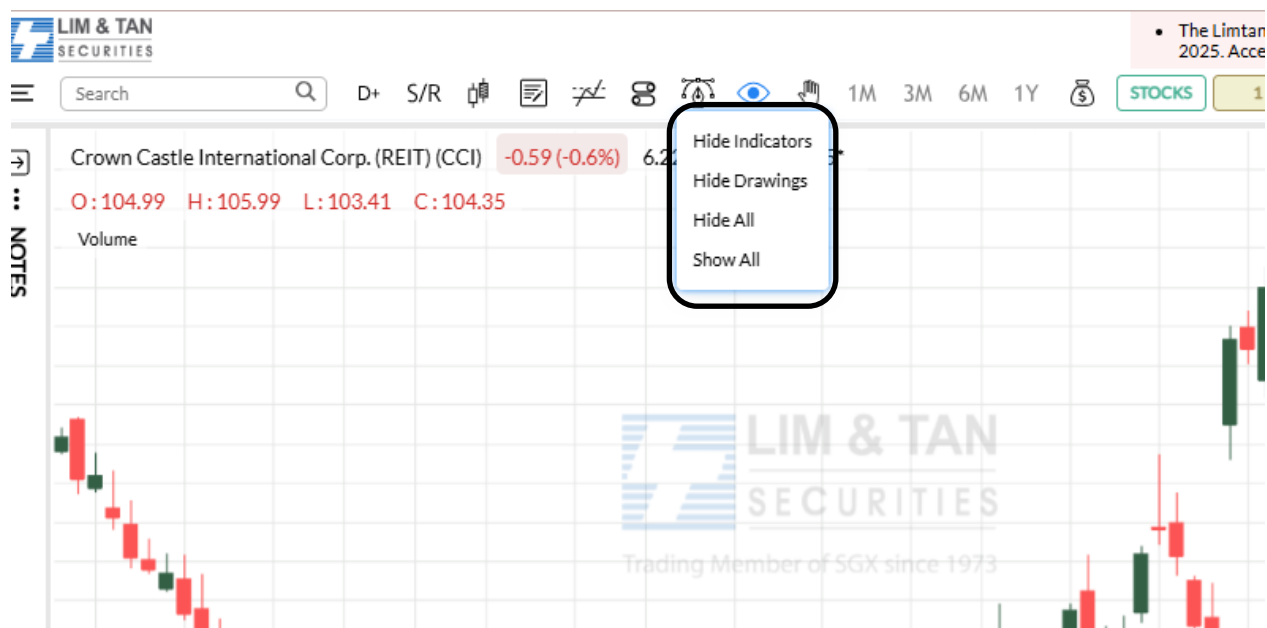
3.9.9 Redo or Undo actions and Removing chart elements

There are two solutions if you have mistakenly edited the annotations on the chart or if you want to remove it.



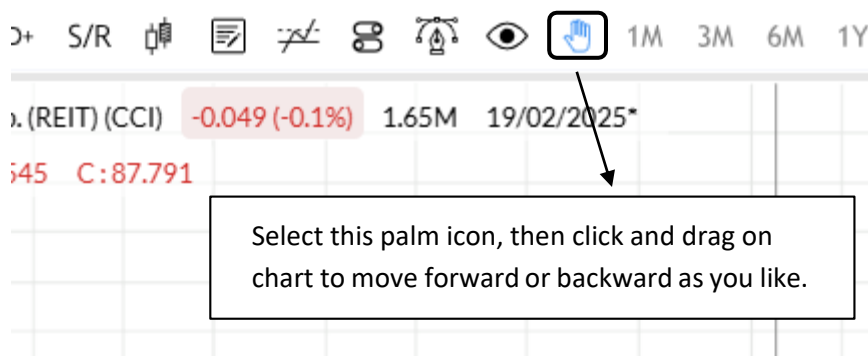
3.10 Hide Drawing or Indicator

Able to hide indicators, hide drawings, hide all (drawings and indicators) and show all (drawings and indicator).



3.11 Palm

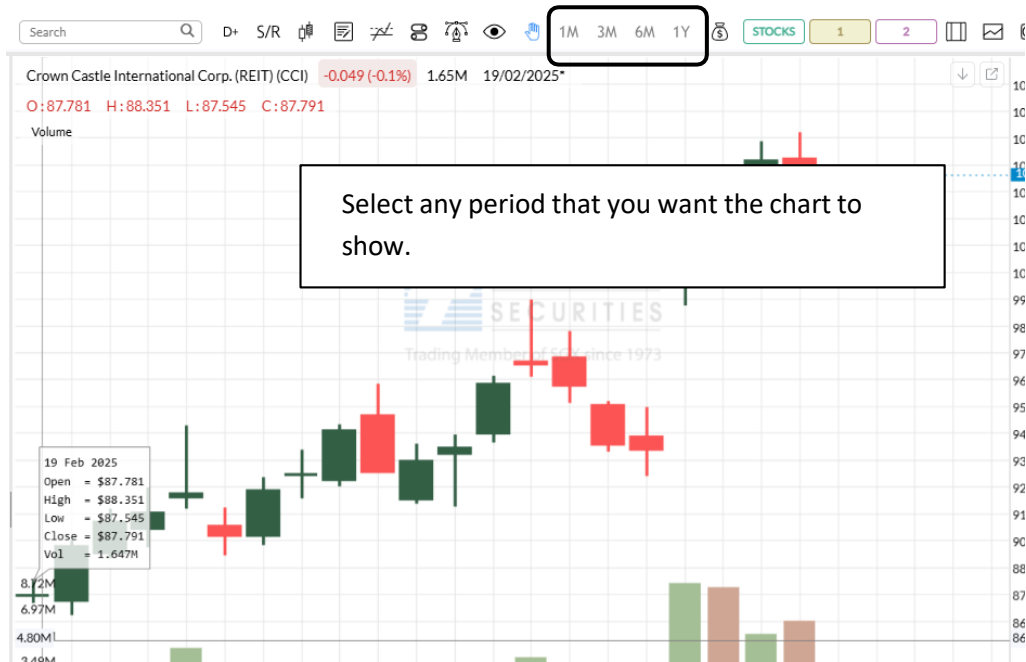
Charts are plotted over a period of time. You can navigate and drag the chart using palm.



3.12 Adjust Display Period of Chart

You are given the flexibility to choose between the following viewing duration for the chart:

- 1 month
- 3 months
- 6 months
- 1 year



3.13 Dividend

Able to show All, Upcoming, Today and Historical dividend according to the market.

The screenshot shows a web application for viewing dividends. At the top, there is a search bar with the text "Search" and a magnifying glass icon. To its right, it says "Total Results: 23113". Below this are four tabs: "ALL", "UPCOMING", "TODAY", and "HISTORICAL". The "TODAY" tab is currently selected and highlighted in yellow. Below the tabs is a table with the following columns: "Ex Date", "Stock Name", "Dividend", "Entitlement Date", and "Pay". The table lists several stocks, including STMMicroelectronics N.V.(STM), GRT ELM CPTL NTS, Great Elm Capital Corp., and Garmin Ltd.(GRMN). Annotations with arrows point to various parts of the interface: one points to the search bar with the text "Type the name or code of the stock in the search box to search, click on the stock name and the dividend information will appear"; another points to the "UPCOMING" tab with the text "Upcoming + Today + Historical"; a third points to the "TODAY" tab with the text "Upcoming Dividend"; a fourth points to the "Dividend" column with the text "Dividend Exdate in today"; and a fifth points to the "Entitlement Date" column with the text "The dividend ex-date has passed (limited to the most recent 12 months).".

Search Total Results: 23113

ALL UPCOMING TODAY HISTORICAL

Ex Date	Stock Name	Dividend	Entitlement Date	Pay
25 Mar 2025	STMMicroelectronics N.V.(STM)	USD 0.09	25 Mar 2025	01 Apr
14 Mar 2025	GRT ELM CPTL NTS			31 Mar
14 Mar 2025	Great Elm Capital Corp. - 5.875% Notes Due 2026(GECCO)			31 Mar
14 Mar 2025	Great Elm Capital Corp. - 5.875% Notes Due 2026(GECCO)			31 Mar
14 Mar 2025	Great Elm Capital Corp. - 8.75% Notes Due 2028(GECCO)	USD 0.544875	15 Mar 2025	31 Mar
14 Mar 2025	Great Elm Group, Inc. - 7.25% Notes Due 2027(GEGGL)	USD 0.4		31 Mar
14 Mar 2025	Garmin Ltd.(GRMN)	USD 0.4		31 Mar
28 Feb 2025	Grupo Aval Acciones Y Valores Sa(AVAL)	USD 0.00		31 Mar
28 Feb 2025	Blue Owl Capital Corporation Iii(OBDE)	USD 0.00		31 Mar
21 Feb 2025	Te Connectivity Ltd(TEL)	USD 0.65	21 Feb 2025	07 Mar

Upcoming + Today + Historical

Dividend Exdate in today

Upcoming Dividend

The dividend ex-date has passed (limited to the most recent 12 months).

Type the name or code of the stock in the search box to search, click on the stock name and the dividend information will appear

3.14 Layout

User can select their preferred layout, which consists of chart layouts and panel layouts. For the panel layout, there are 15 options available, and users can view up to 4 panels at the same time. For the chart layout, there are 4 different view types.

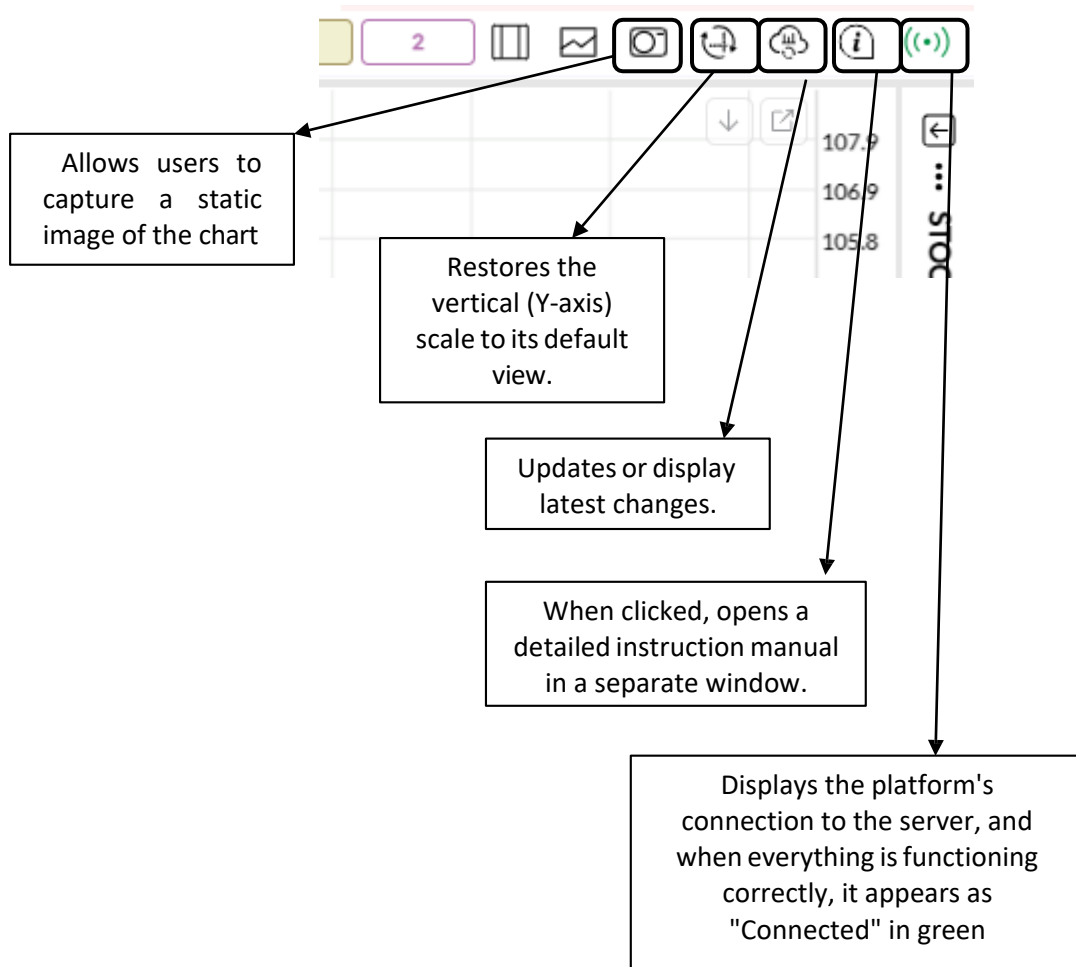
The image shows two screenshots of a layout selection interface. The left screenshot shows a "Panel layout" selection menu with 15 different grid options (e.g., 1x1, 2x1, 3x1, 4x1, 1x2, 2x2, 3x2, 4x2, 1x3, 2x3, 3x3, 4x3, 1x4, 2x4, 3x4, 4x4). The right screenshot shows a "Chart layout" selection menu with 4 different view types (1x1, 2x1, 1x2, 2x2). Both screenshots show a toolbar with icons for layout, chart, and other functions.

Panel layout

Chart layout

3.15 Other Features

Other features include snapshot, resetting the Y-axis scale in charts, refreshing the chart, accessing the user guide, and checking connection status.



End of User Manual