

TRADE SIGNALS

POWERED BY AUTOCHARTIST

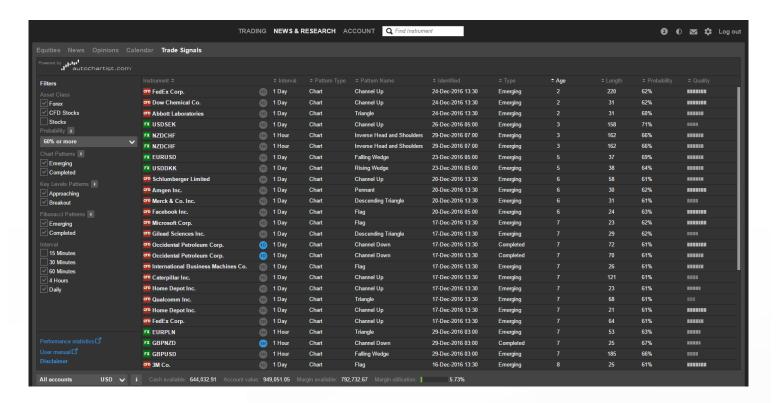
Trade Signals is a SaxoTraderGO tool that uses Autochartist technology to identify emerging and completed patterns in most leading financial markets. SaxoTraderGO Trade Signals benefits both new and experienced traders alike.



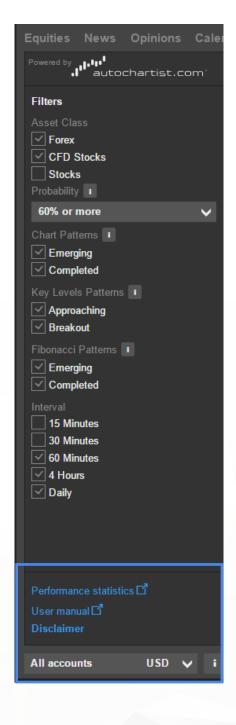


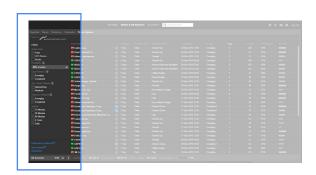
TRADE SIGNALS - WINDOW

This is the main Trade Signals window. The left-hand side contains a filter section and three external links marked in blue. On the right-hand side are 10 separate columns listing the trade signals corresponding to your filter settings. You can access trade signal details under **NEWS & RESEARCH > TRADE SIGNALS.**



TRADE SIGNALS WINDOW - FILTERS





You can filter the products you have enabled on your platform (Settings > Trading products) by:

- ASSET CLASS Forex, CFD Stocks and Stocks
- PROBABILITY this can be used to only show patterns with a greater than 60% (default) probabilities of success. Note that many signals (including all Key Levels and Fibonacci Patterns) do not have a probability associated with them. By selecting a probability, these will also be filtered out
- CHART PATTERNS—whether the chart pattern is emerging or completed (has broken out)
- **KEY LEVELS PATTERNS** horizontal support and resistance, whether the pattern is approaching or has already broken a level
- FIBONACCI PATTERNS whether the Fibonacci pattern is emerging or has already completed
- INTERVAL filter the chart patterns to specific chart periods.

NOTE THAT ONLY SIGNALS OF 60 MINUTES AND ABOVE ARE AVAILABLE FOR STOCKS AND CFDS.

The filter panel also gives access to performance statistics published by Autochartist through the Performance Statistic link.

THE TRADE SIGNALS WINDOW - EXTERNAL LINKS

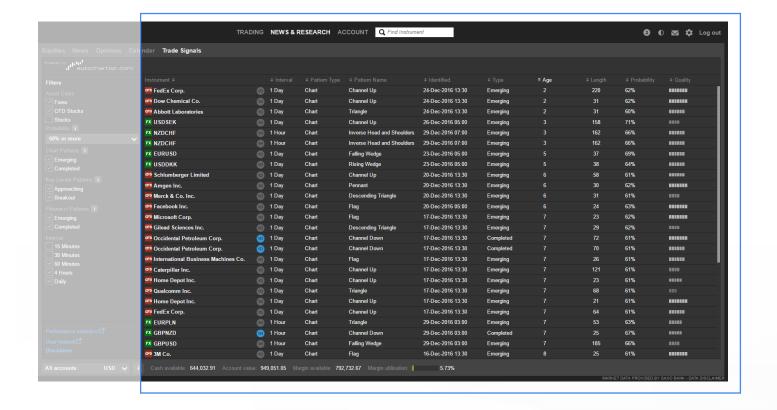
Clicking on **PERFORMANCE STATISTICS** takes you to a page on the Autochartist website showing performance statistics for Forex as well all major international indices listed alphabetically. Clicking on a Forex or an index lets you view detailed statistics for chart patterns, key level breakouts and key level approaches.

The **USER MANUAL** link takes you to this manual for convenient help and reference.

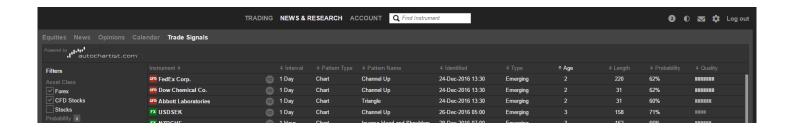
DISCLAIMER links to the official Saxo Bank disclaimer.

TRADE SIGNALS WINDOW - RESULTS

The results of your filters are shown here



TRADE SIGNALS WINDOW - TOP COLUMN BAR



- was identified. You can change the order alphabetically up/down. The coloured icon next to the instrument names denotes the relevant asset class. Options and derivatives for a particular asset class are shown as two separate colours divided diagonally across the icon. There is also an accompanying circular trade signal indicator that appears in one of three colours:
- 1. GREY ICON: Emerging/Approaching
- **2. BLUE ICON:** Pattern has completed/broken out and is expected to move higher.
- **3. RED ICON:** Pattern has completed/broken out and is expected to move lower.
- INTERVAL: The time period the pattern was detected on. E.g. 4H for four hours, 1D for one day
- PATTERN TYPE: Chart, key level or Fibonacci. See 'AutoChartist methods for technical analysis' in this user manual for further details
- **PATTERN NAME:** Name of the pattern generating the trade signal
- **IDENTIFIED:** The date and time when the pattern was identified
- **TYPE:** Indicates whether a pattern is emerging/approaching or completed (broken out)

AGE — THE NUMBER OF CHART BARS SINCE:

- the pattern was first detected for emerging signals
- since the pattern broke out for completed signals the bar where the signal emerged is bar 0 and the age is then counted from this bar
- **LENGTH:** The length of the pattern in bars on the chart, e.g. 10 bars for a pattern on a 4H interval = 40 hours
- PROBABILITY (FOR CHART PATTERNS ONLY WHEN STATISTICS ARE AVAILABLE): The probability of success of the pattern based on the past 180 days with respect to the specific pattern, the instrument and the times of day they were identified
- **QUALITY:** Trade Signals uses five indicators to measure the quality of the chart patterns:
 - Clarity
 - · Initial Trend
 - Volume
 - Uniformity
 - · Breakout strength

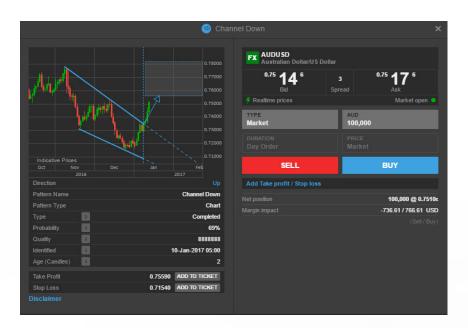
Quality indicators reflect the visual appearance of the pattern and how well defined the pattern is within these parameters. High-quality patterns are well-proportioned and symmetrical. The overall quality measure is the average of all these indicators expressed as a range from 0 to 10 (highest quality).

Note that signal quality is not an assessment of the efficacy or an indication of the possible profits / losses you can expect from pattern.

TRADE SIGNALS DETAILS WINDOW

Click on a row in your Trade Signals results window to display the relevant trade signals details. The trade signals details window shows the type of pattern (triangle, Fibonacci etc.) at the top of the window together with a coloured icon denoting time interval and direction (blue or red) or emerging colour (grey).

The relevant trade signal is in the left-hand box. A trading ticket is in the right-hand box, allowing you to trade quickly on the trade signal.



LEFT-HAND SIDE - TRADE SIGNAL

- The chart is live, with zoom and scroll functions
- The pattern is drawn on the chart
- The arrow indicates the expected move after completion. The target area is indicated by two horizontal lines
- The nearest level is shown in the **TAKE PROFIT** field at the bottom of the ticket
- The pattern details are below the chart
- If a pattern is completed, approaching or has broken a key level, suggested price target and stop loss is calculated and shown below the pattern details
- Placing one or both of these levels as related orders requires a click on the **ADD TO TICKET** button(s). The orders will then be added to the trade ticket. Orders can be changed by the user or removed again
- If a pattern is completed, approaching or has broken a key level, a price target and stop loss is automatically calculated and shown below the pattern details
- Placing one or both of these levels as related orders requires a click on the **ADD TO TICKET** button(s). The orders will then be added to the trade ticket. Orders can be changed by the user or removed again.

RIGHT-HAND SIDE - TRADE TICKET:

- Instrument name and market prices
- This is identical to the trade ticket found throughout the platform
- MARKET ORDER is the default order type. However, this can be changed by the user to a limit, stop or stop limit order
- Users can place a BUY or a SELL order unless they choose to place a Take Profit and/or Stop Loss. Adding either one of them to the trade ticket locks the trade ticket so the user can only buy if the signal is a bullish signal or sell if the signal is a bearish signal
- Users can remove the Take Profit and/or Stop Loss or amend them as they would in a normal trade ticket. If both related orders are being removed, the blocked out BUY or SELL button will reappear.

TAKE-PROFIT AND STOP-LOSS METHODOLOGY FOR CHART PATTERNS

Stop loss and take profit levels are calculated using commonly applied chart pattern theory and target price calculation. Denoted by the dotted, a target area rectangular is calculated and the nearest price level is shown in the pattern details section below the chart. Quality and probability calculation has been taken in to account when calculating the target price area.

BULLISH COMPLETED PATTERNS



BEARISH COMPLETED PATTERNS



Please note: The stop-loss and take profit levels should NOT be seen as advice. Whether it is appropriate for your trading is entirely your decision. Please make sure you read the disclaimer.

TAKE PROFIT AND STOP LOSS METHODOLOGY FOR KEY LEVELS

APPROACHING KEY LEVELS



■ STOP-LOSS LEVEL:

If price is ascending towards a resistance key level, the stop-loss is the same as the lowest price point during the pattern length (See example above). Conversely, if price had been descending towards a support key level, the stop-loss would be the highest price point during the pattern length.

The pattern length is always denoted by the length of the horizontal blue line.

BREAKOUT OF KEY LEVELS



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TRADE SIGNALS FUNCTION - ALTERNATIVE ACCESS

You can find trade signals in three other places:

- 1. Via your Watchlist
- 2. Via your Overview panel
- 3. Via the Equities overview

ADDING TRADE SIGNALS TO YOUR WATCHLIST

To add the Trade Signals column to your Watchlist:

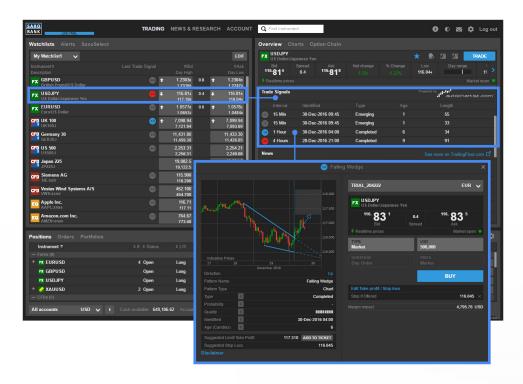
- 1. Select Edit > Layout
- 2. Drag the Last Trade Signal item into the Columns Shown section



TRADE SIGNALS FUNCTION - ALTERNATIVE ACCESS

TRADE SIGNALS IN THE OVERVIEW PANEL

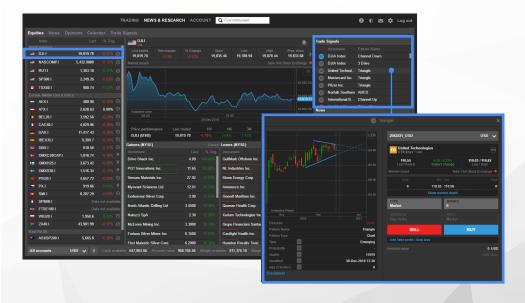
The Overview panel lists all active trade signals for the instrument selected in the Watchlist.



Clicking a trade signal opens the trade signals window.

TRADE SIGNALS IN THE EQUITIES OVERVIEW

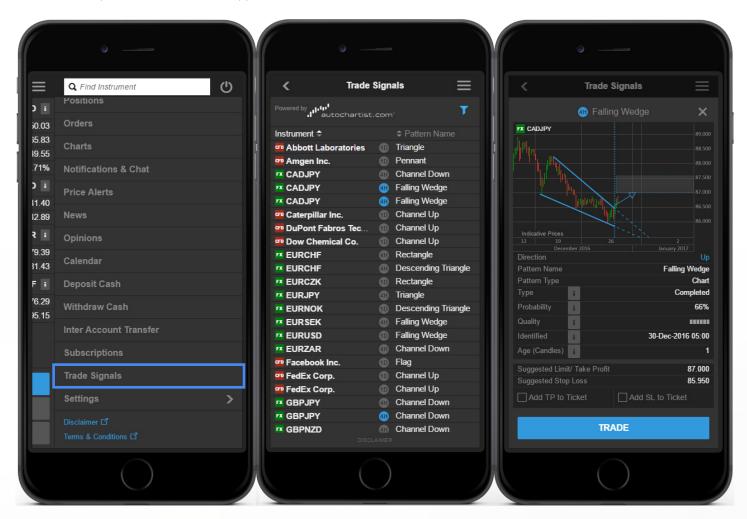
The Equities Overview panel gives an overview of the major stock markets around the world and for a selected market. Trade signals are now shown for selected stocks. Please note that trade signals are not availlable for all stock exchanges.



Clicking a trade signal opens the trade signals window.

TRADE SIGNALS ON MOBILE DEVICES

On mobile devices, the Trade Signals button can be found in the main menu. If you flip your phone horizontally, more columns with additional pattern information will appear.



Trade signals can be filtered by clicking the filter icon at the top right-hand of your screen. Clicking on a signal opens the details for the signal and allows you to trade.

AUTOCHARTIST METHODS FOR TECHNICAL ANALYSIS

TRADE SIGNALS

Trade signals are based on one of the following methods of technical analysis:

- Chart patterns
- Fibonacci levels
- Key levels

CHART PATTERNS

Chart patterns are visual patterns typically named after the shape they take, for example:

- Triangles
- Wedges
- Head-and-Shoulders
- Channels

Chart patterns identify trends between levels of support and resistance and signal the reversal or a continuation of a trend. Chart trade signals are either:

- COMPLETED when a price breaks above or below a key level of resistance or a support level
- EMERGING when a price is following a trend and a potential breakout trade opportunity is developing.

 Patterns that fail to complete within 10 bars are removed.

FIBONACCI LEVELS

Fibonacci levels are projected areas of support or resistance based on the application of Fibonacci number sequences. Autochartist supports the following Fibonacci patterns:

- Retracements
- Extensions
- ABCD
- Gartley
- Butterfly
- 3 Drive

Fibonacci trade signals are either:

- COMPLETED when a price breaks through the projected level of support or resistance, the emerging pattern expires and a complete pattern is presented as a trading opportunity. Patterns that fail to complete within 10 bars are removed.
- EMERGING provide early warning of where the price is approaching a key Fibonacci level

KEY LEVELS

Key levels are horizontal lines on the chart that show support and resistance.

Key levels trade signals are either:

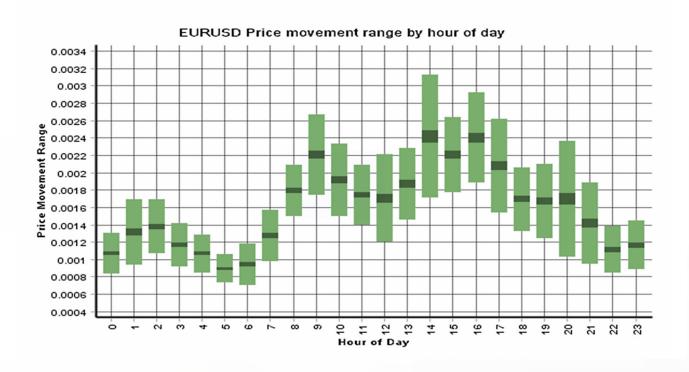
- BREAKOUT when a price breaks above a resistance level or a below a support level
- APPROACHING when the price approaches a key level.

 Patterns that fail to break out within 10 bars are removed.

EXPECTED TRADING RANGE

For FX crosses in particular, the major financial centres of the world all have their unique impact on the trading range. It is vital that both Fundamental and Technical traders understand these ranges and account for them in their trading strategies.

Expected Trading Range is an analysis of the volatility of the instrument, offering a view of the expected price range movement for the specific weekday and time of day based on average instrument price ranges over the past 6 months. The daily movement is a measurement of the high to low range, calculated over 6 months with the average movement for that day marked within the range for current market conditions.



Knowing when an instrument is likely to be volatile or might consolidate due to lack of participation can give you an important insight into the psychology and flow of the market. Expected volatility can be particularly useful for:

- setting appropriate market exit levels Stop loss and Take profit placement should not only be place at strategic technical levels but should also take account of expected trade ranges for the period that the position is expected to be held
- · when to avoid trading instruments at specific times of the day when the instrument's price is expected to be volatile

TRADE SIGNALS

Expected Trading Ranges are integrated into Trade Signals in TraderGO and can be shown by checking the Show Expected Trading Range checkbox on a Trade Signal.

Expected Trading Ranges are shown for the Trade Signal period and for higher periods. This 15 minute Trade Signal example shows the Expected Trading Ranges for the next 15m, 30m, 1H and 4H.



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