



# How to Convert a TradingView Indicator into a Strategy

<https://Gekkojam.com>

<https://AutomatedTrading.Services>

# A Free Guide on 'How To' Convert a TradingView Indicator into a Strategy & Forward Alerts to MT4/MT5 with [PineConnector](#)

Source: <https://gekkojam.com> & <https://automatedtrading.services>



As example, this simple script will create a Buy and Sell signal in [TradingView](#) with:

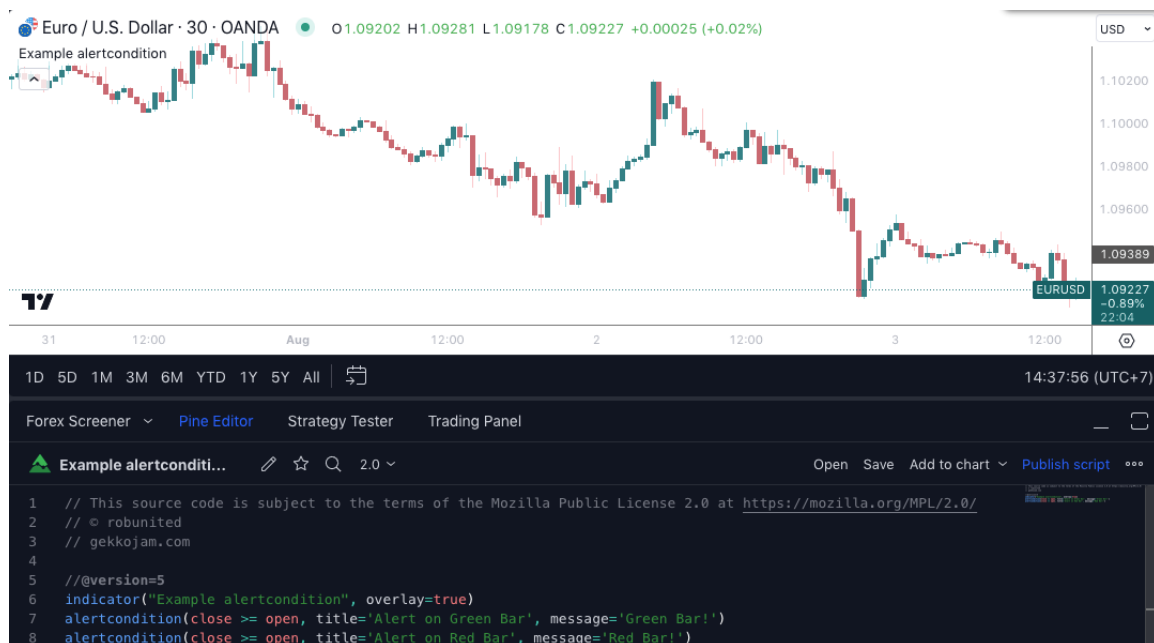
- Every new green candle

```
close >= open
```

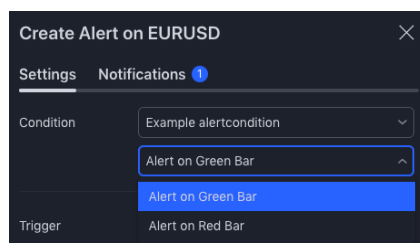
- Every new red candle

```
close <= open
```

The alerts in the indicator script are based on the built-in 'alertcondition( )' function



The condition argument in the 'alertcondition' creates additional configuration options in the 'Create Alert' dialog box. This is the argument to look out for when converting to a strategy.



## Converting the 'Indicator' script into a 'Strategy' script

Rename the built-in function 'indicator' to 'strategy'

```
indicator("Example alertcondition", overlay=true)
```

To:

```
strategy("Example alertcondition", overlay=true)
```

**Note:** The 'alertcondition' lines can be removed since they are not supported in a Strategy script.

Define the variables for the Buy and Sell strategy alert conditions

```
GoLong  = close >= open  
GoShort = close <= open
```

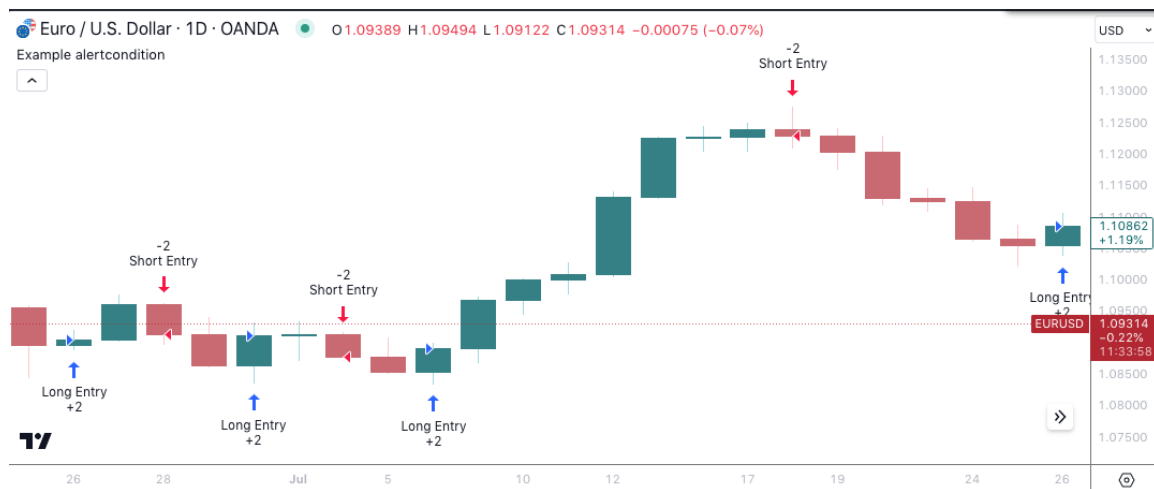
Add the strategy specific 'alert' functions and triggers

```
if GoLong  
    strategy.entry('Long Entry', strategy.long)  
    alert('license_id,buy,risk=1', alert.freq_once_per_bar_close)  
  
if GoShort  
    strategy.entry('Short Entry', strategy.short)  
    alert('license_id,sell,risk=1', alert.freq_once_per_bar_close)
```

Below the complete converted strategy script

```
// This source code is subject to the terms of the Mozilla Public License 2.0  
// at https://mozilla.org/MPL/2.0/  
// @ gekkojam.com  
  
//@version=5  
strategy("Example alertcondition", overlay=true)  
  
GoLong  = close >= open  
GoShort = close <= open  
  
if GoLong  
    strategy.entry('Long Entry', strategy.long)  
    alert('license_id,buy,risk=1', alert.freq_once_per_bar_close)  
  
if GoShort  
    strategy.entry('Short Entry', strategy.short)  
    alert('license_id,sell,risk=1', alert.freq_once_per_bar_close)
```

The script will now plot the desired Buy and Sell entries onto the chart



Configure a TradingView Alert, calling the 'alert( ) functions only' from the script

Create Alert on EURUSD

Settings Notifications ⓘ

Condition: Example alertcondition

alert() function calls only

Expiration: September 3, 2023 at 12:27

Alert name: Example alertcondition: alert() function calls

Specify the [Pineconnector Webhook](https://pineconnector.net/webhook/) to forward the alert signal to MT4 and execute the trade on the trading client.

Create Alert on EURUSD

Settings Notifications ⓘ

☐ Notify in app ⓘ  
Provides a push notification in the mobile app.

☐ Show pop-up  
Displays an onsite pop-up notification.

☐ Send email  
Provides an email notification to the address specified in your profile settings.

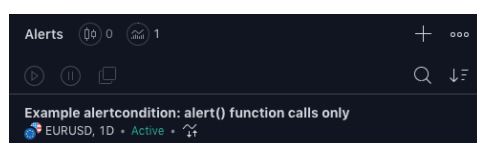
☒ Webhook URL ⓘ  
Sends a POST request to your specified URL when your alert triggers.  
https://pineconnector.net/webhook/

☐ Play sound  
Plays an audio cue when your alert triggers.

☐ Send email-to-SMS ⓘ  
Sends plain text for SMS to an alternative email.

Cancel Create

The TradingView Alert will trigger as soon as the alert( ) function has been met and will forward the trade instructions to the pre-configured [Pineconnector EA](https://pineconnector.net/ea/) on MT4.



Converting an indicator into a strategy is a fairly straightforward process if there are alertconditions( ) provided in the indicator script.

In case these are missing, look out for condition arguments provided with 'plot' functions, which usually come with most indicators and plot some form of triangles or pointers onto the chart, and provide clues, which alert variables to trace within the script i.e.:

```
plot(<condition argument>, color=color.green, title="Green Bar! ")
```

For any feedback, questions or queries on how to convert specific indicators from the public TradingView library please contact us on:

<https://gekkojam.com> or <https://automatedtrading.services>

We wish you success in automating your TradingView scripts and hope this free guide provided a good starting point and value to you! We tried to keep it clear and to the point as much as possible.

This document contains affiliate links to trusted partners providing quality Cloud Automation SaaS solutions.

