

# Installing on TradeStation

Two files and a key. Import the signal file so TradeStation knows the studies exist, open the workspace so the charts are built for you, then enter your license key. Fifteen minutes, once.

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## What you received

- **The signal file** — an `.ELD` file. This holds the studies.
- **The workspace** — a `.tsw` file. This holds the charts, symbols, intervals and settings the studies expect.
- **Your license key** — fifteen digits, in your confirmation email. Keep the email; you will need the key again if you reinstall or move to another computer.

Save both files somewhere you can find again. This guide assumes your Downloads folder. Install them in order — the workspace looks for studies that the signal file puts in place.

## Before you start

Three things need to be in place. Sorting them out first saves an install that looks broken but isn't.

- **The TradeStation desktop platform.** TradeStation lists it as Desktop, with a Pro option. Importing studies and opening workspaces are desktop features.
- **The right accounts for the product you bought.** Every product charts its symbol alongside a matching ETF, so the platform needs data for both sides. Equity products chart a stock alongside an ETF, so an equity account covers them. Futures products chart a futures contract alongside an ETF, so those need a futures account *and* an equity account.
- **Your license key.** Fifteen digits, in your confirmation email.

A simulated account is enough to install everything and watch the charts work. You do not need to fund an account to see the studies running. If you are opening accounts for the first time and want a hand, contact Peter Albino at TradeStation — 312.803.3860 or 888.735.1222, PAlbino@TradeStation.com. Questions about True Range Research indicators, licenses, or installation go to support@truerangeresearch.com.

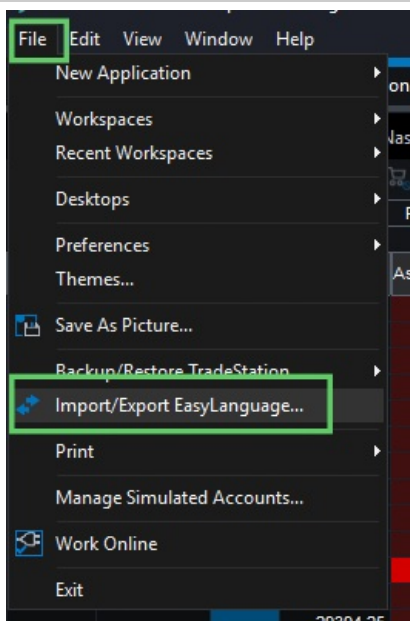
## Part 1 — Import the signal file

This puts the studies into TradeStation. You do this once per product, and again whenever you receive an update.

**1 Open the TradeStation desktop platform.**

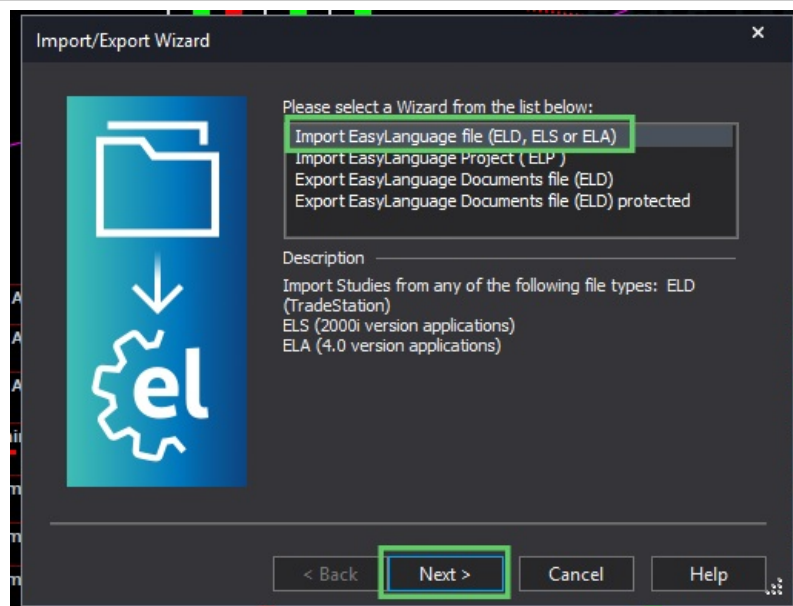
Close any chart windows you are working in. Nothing is overwritten, but the import is easier to follow on a quiet screen.

**2 Go to `File > Import/Export EasyLanguage...`**

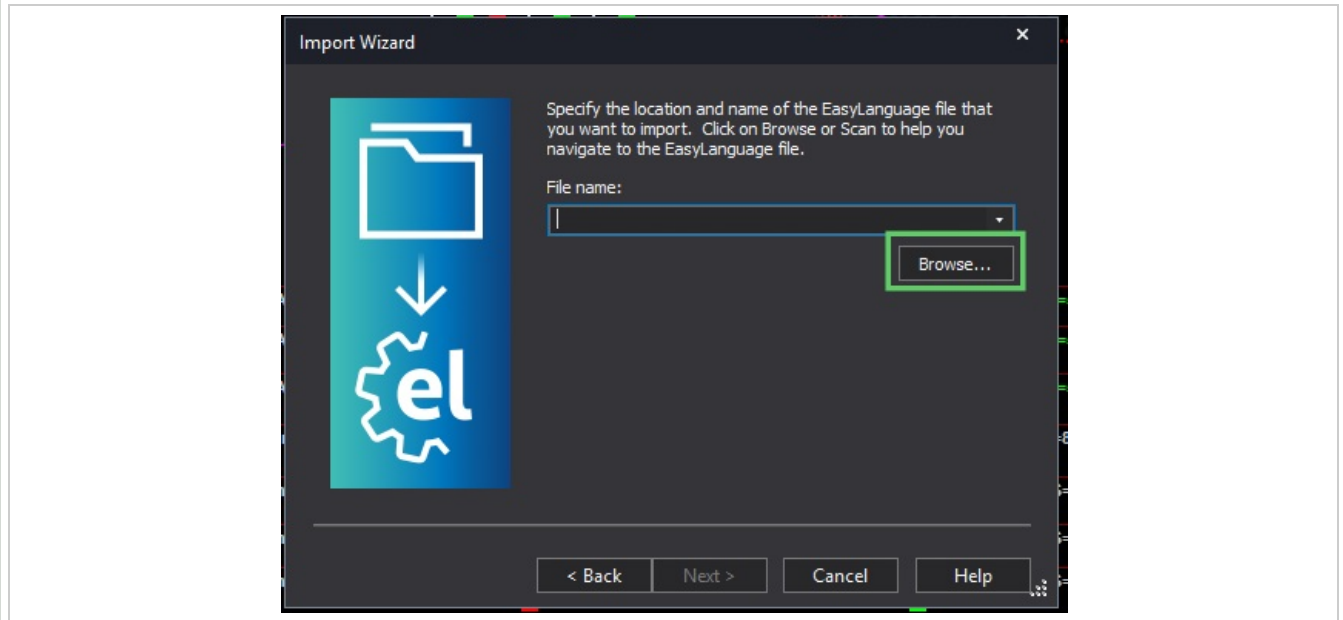


**3 Select Import EasyLanguage file (ELD, ELS or ELA), then click Next.**

It is the first option in the list, and usually already selected.

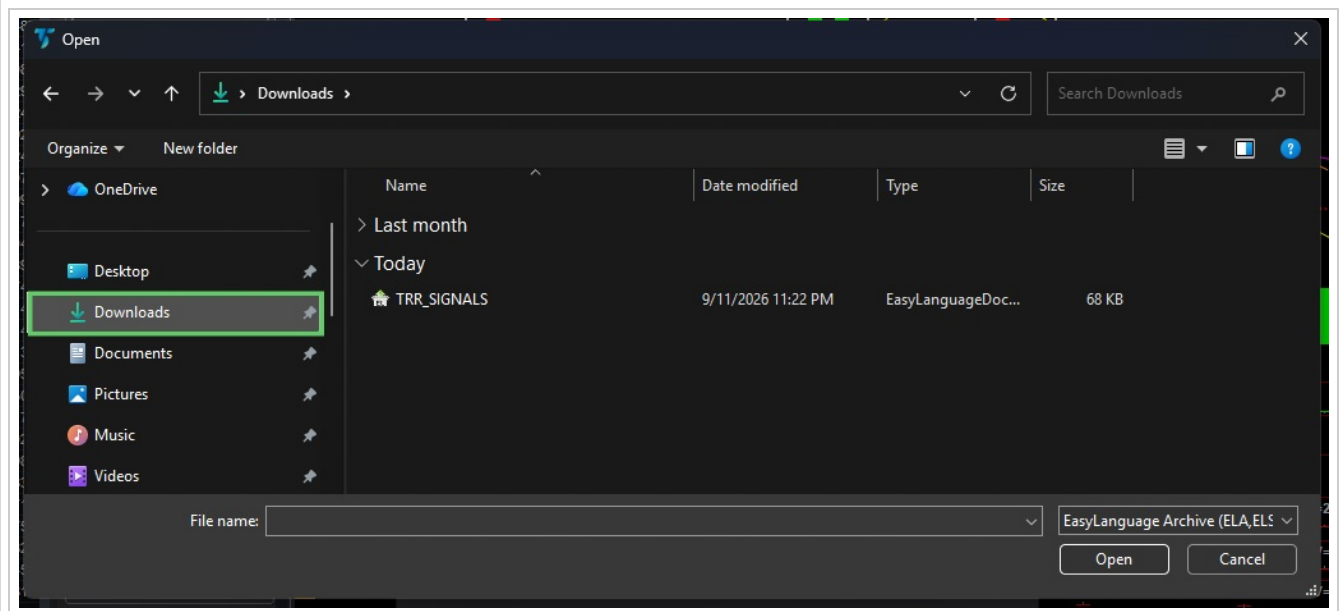


#### 4 Click Browse.

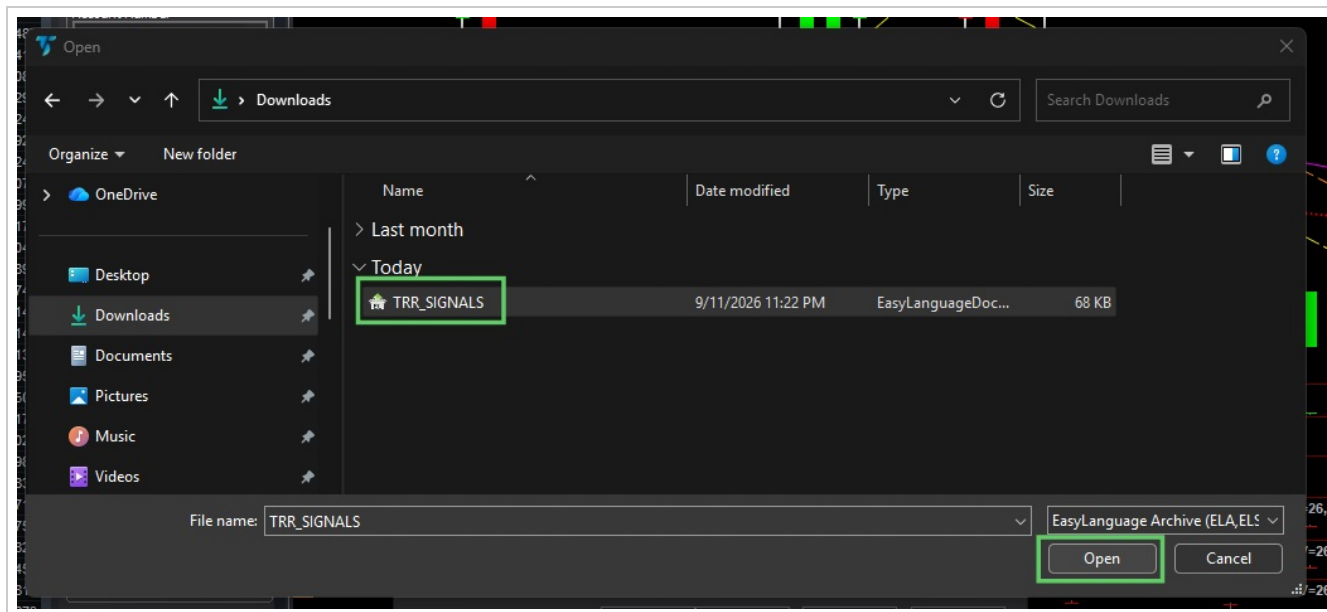


#### 5 Go to the folder where you saved the file.

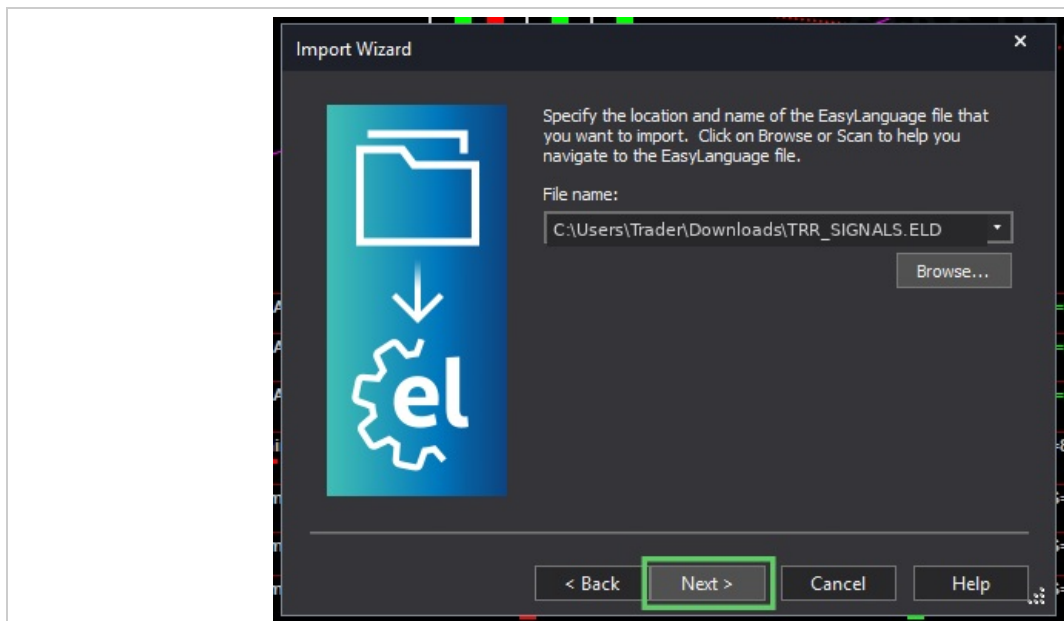
Usually Downloads, in the left-hand list.



**6 Select the signal file, then click Open.**

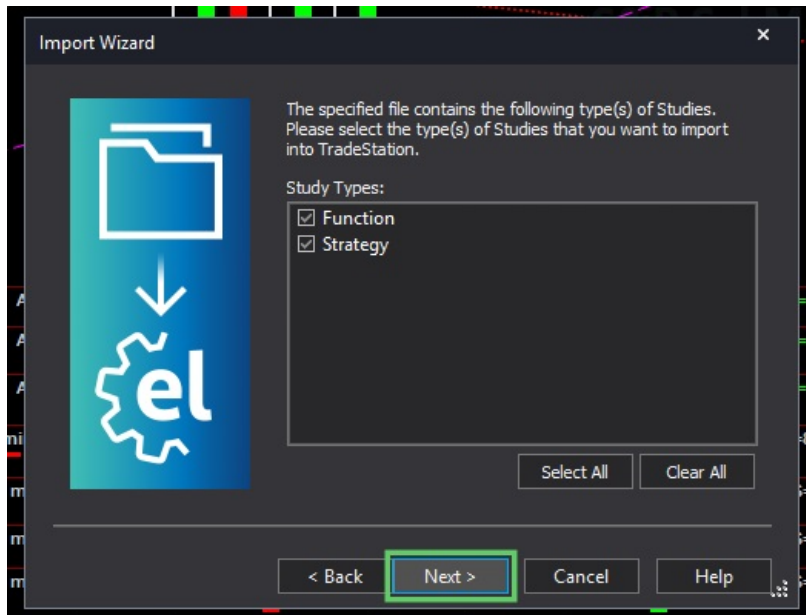


**7 Check that the file path is correct, then click Next.**



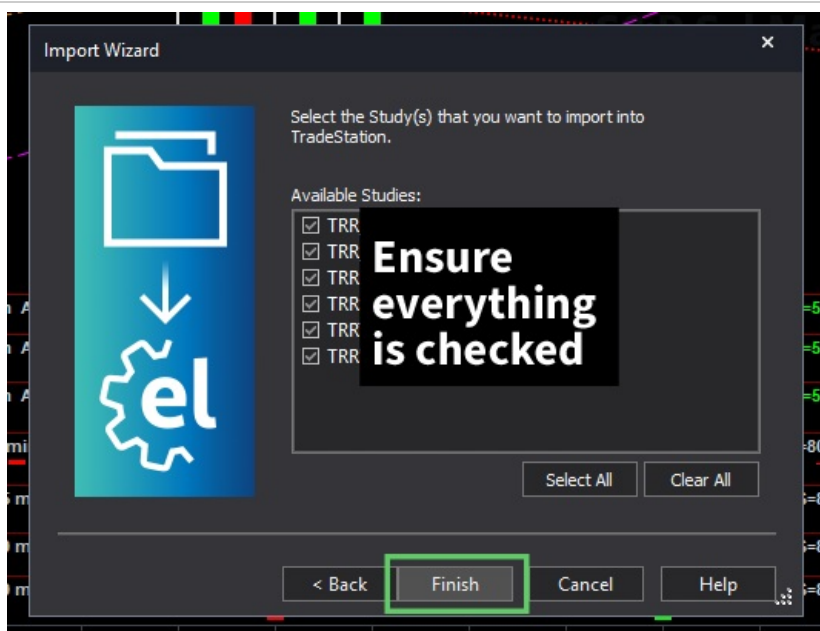
8 **Leave both study types checked, then click Next.**

Functions and strategies are both required. Unchecking either leaves the install incomplete.

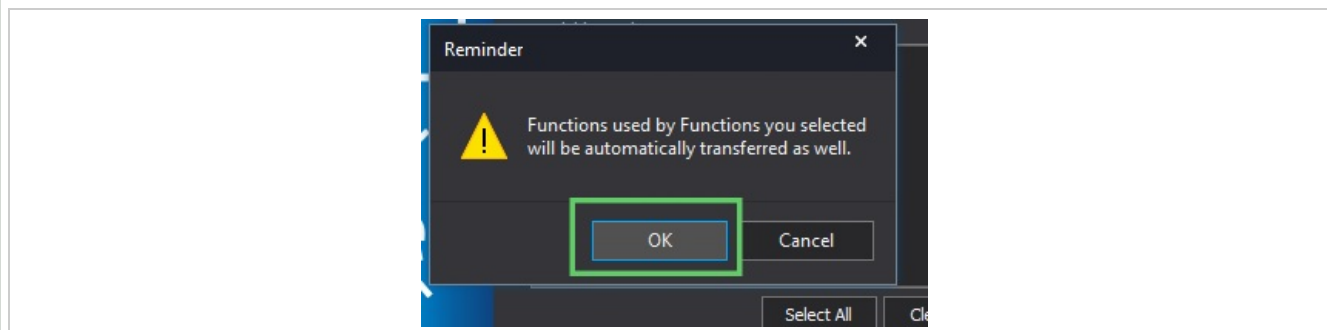


9 **Make sure every study in the list is checked, then click Finish.**

**Select All** is the quickest way to be sure.

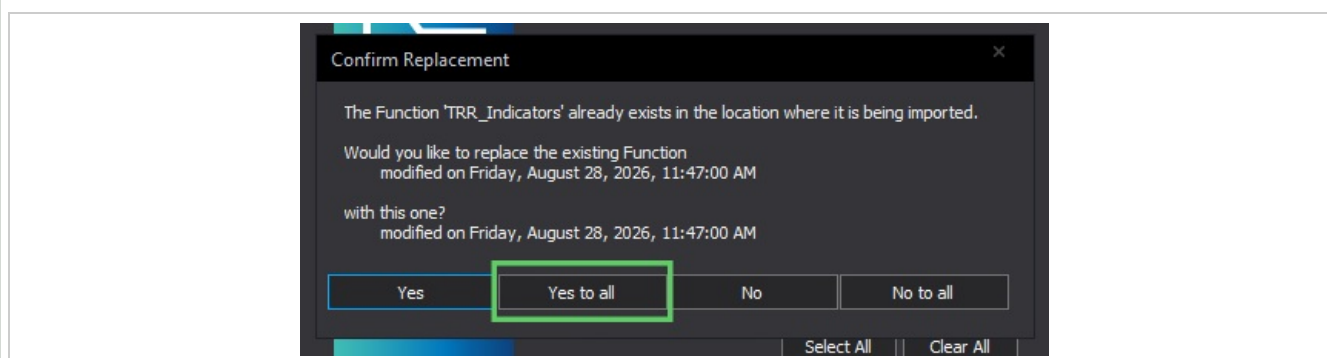


## 10 Click OK at the reminder about functions.



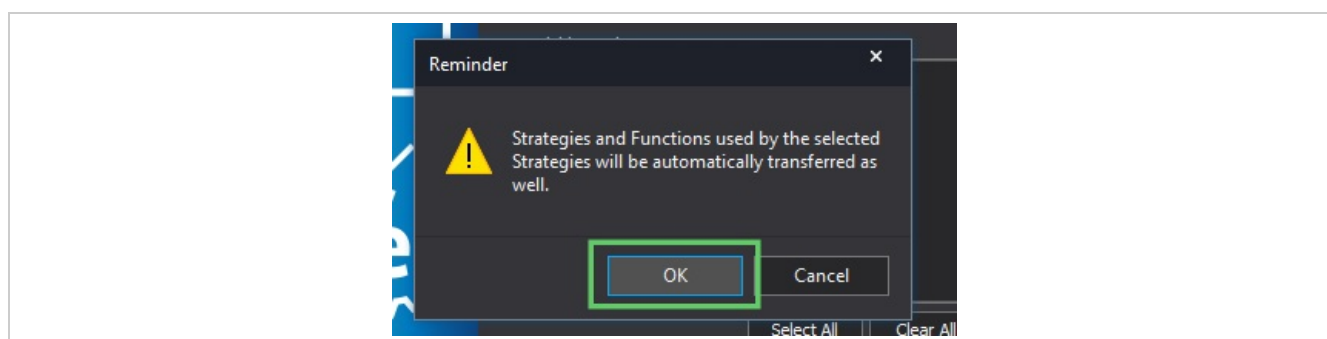
## 11 If you are asked to replace existing files, click Yes to all.

This appears when a previous version is already installed — on an update, or a reinstall. On a first install you will not see it.



## 12 Click OK at the reminder about strategies.

The import is done when this dialog closes.

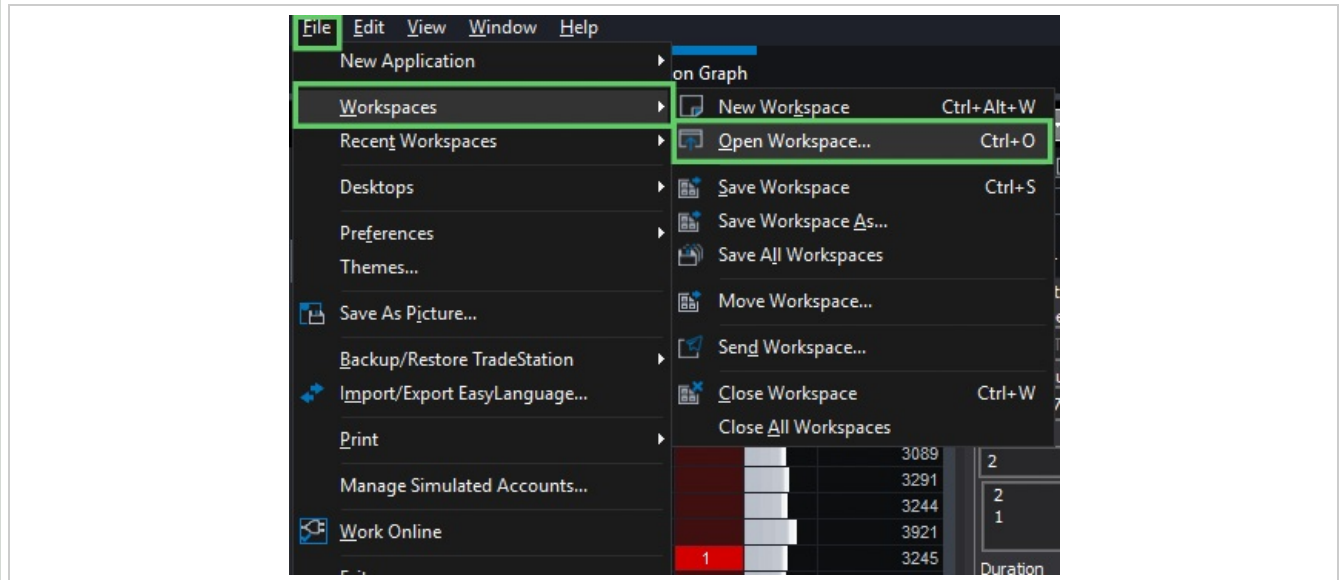


Prompts can arrive in a different order depending on your TradeStation version and what is already installed. Accept each one — **OK**, or **Yes to all** when asked about replacing — until they stop.

## Part 2 — Open the workspace

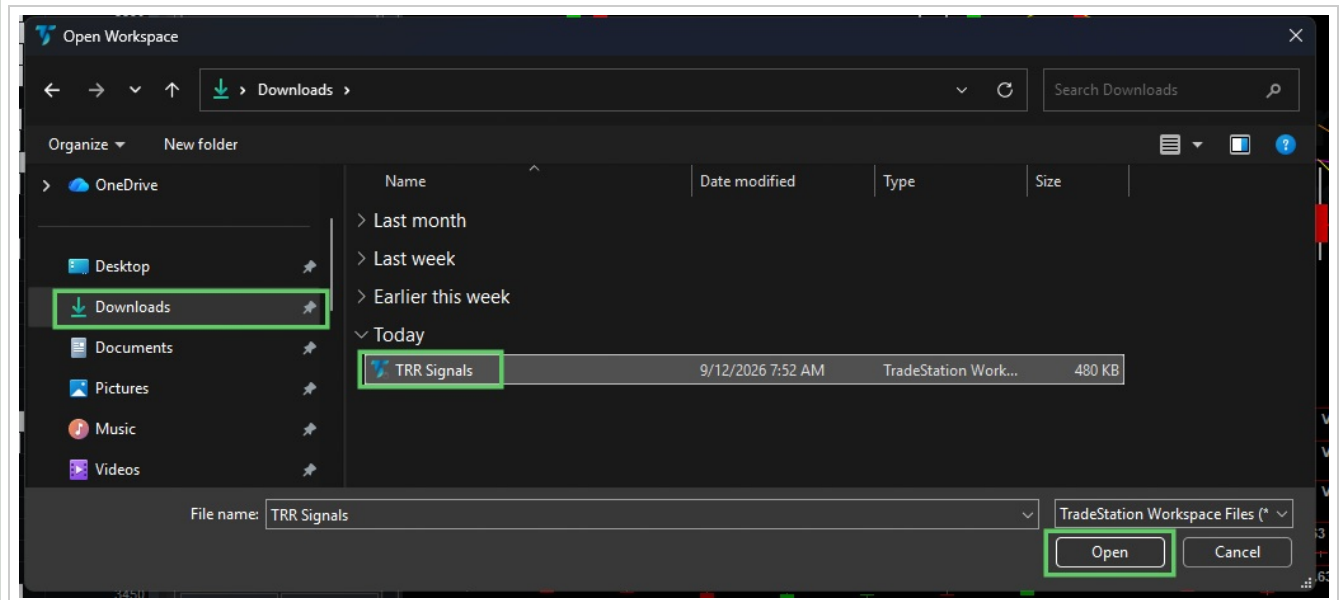
The workspace builds the charts with the symbols, intervals and data streams the studies are written for. Open it rather than building a chart yourself.

1 Go to **File > Workspaces > Open Workspace...**



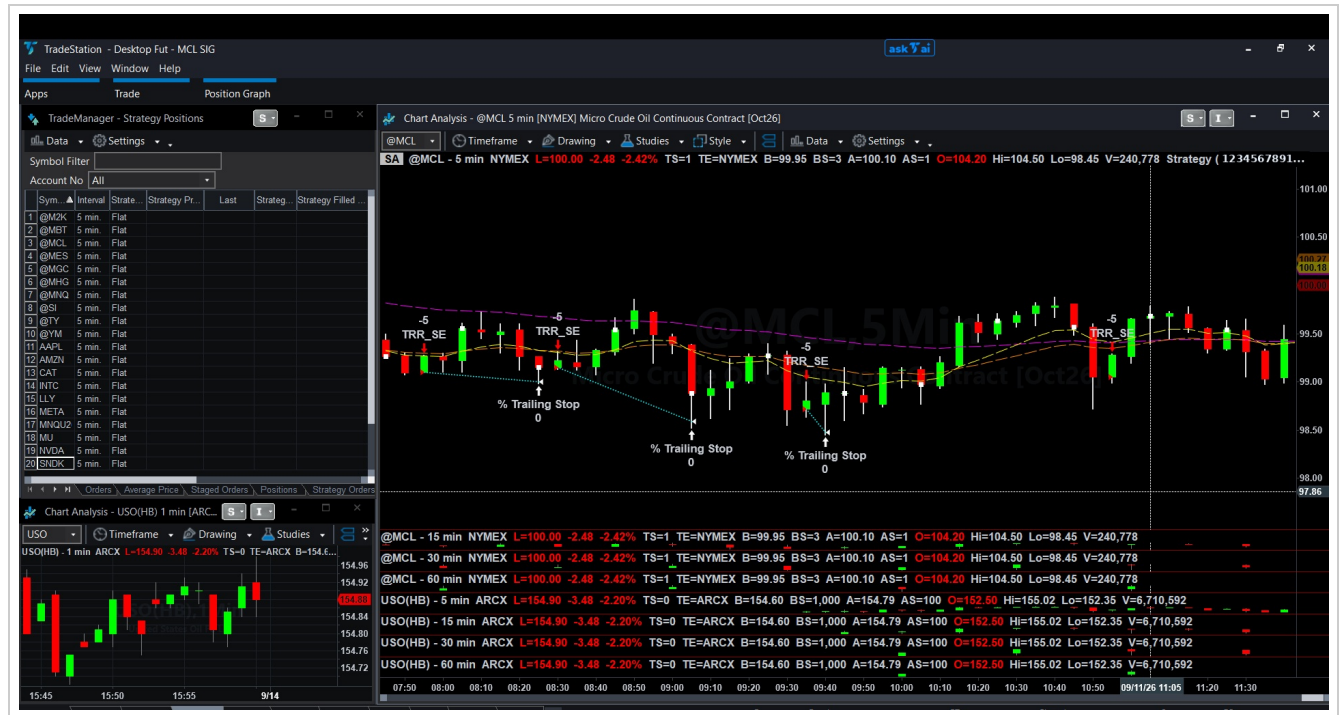
2 Go to the folder where you saved the workspace, select it, then click Open.

The file type is listed as TradeStation Workspace.



### 3 Wait for the data to load.

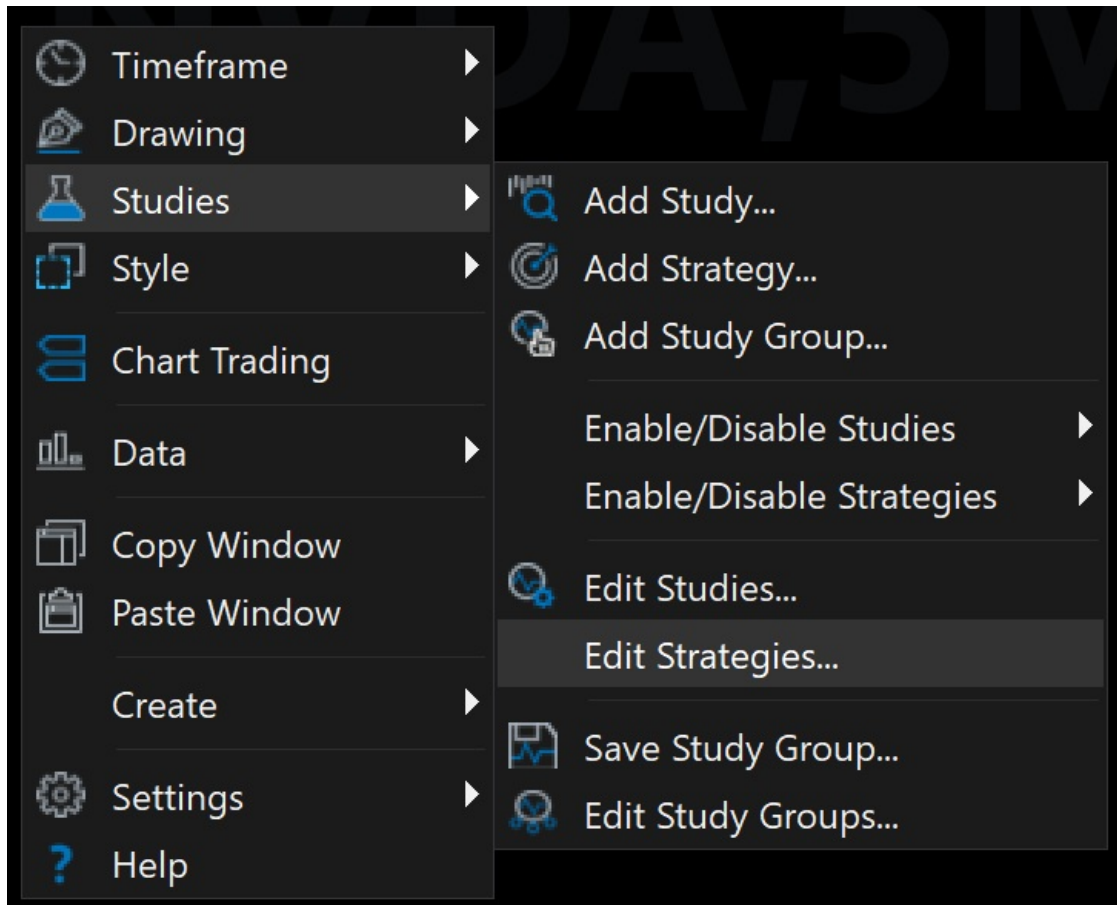
The charts pull several streams of history at once, so the first load takes longer than a chart you build yourself. When it finishes, the chart fills in and the studies mark what they identify. The list beneath the chart shows every data stream the product uses — all of them should be populated.



## Part 3 — Enter your license key

Your key arrives by email after purchase. It is fifteen digits, and it is tied to the product you bought. Copy it to the clipboard before you start — pasting is safer than typing.

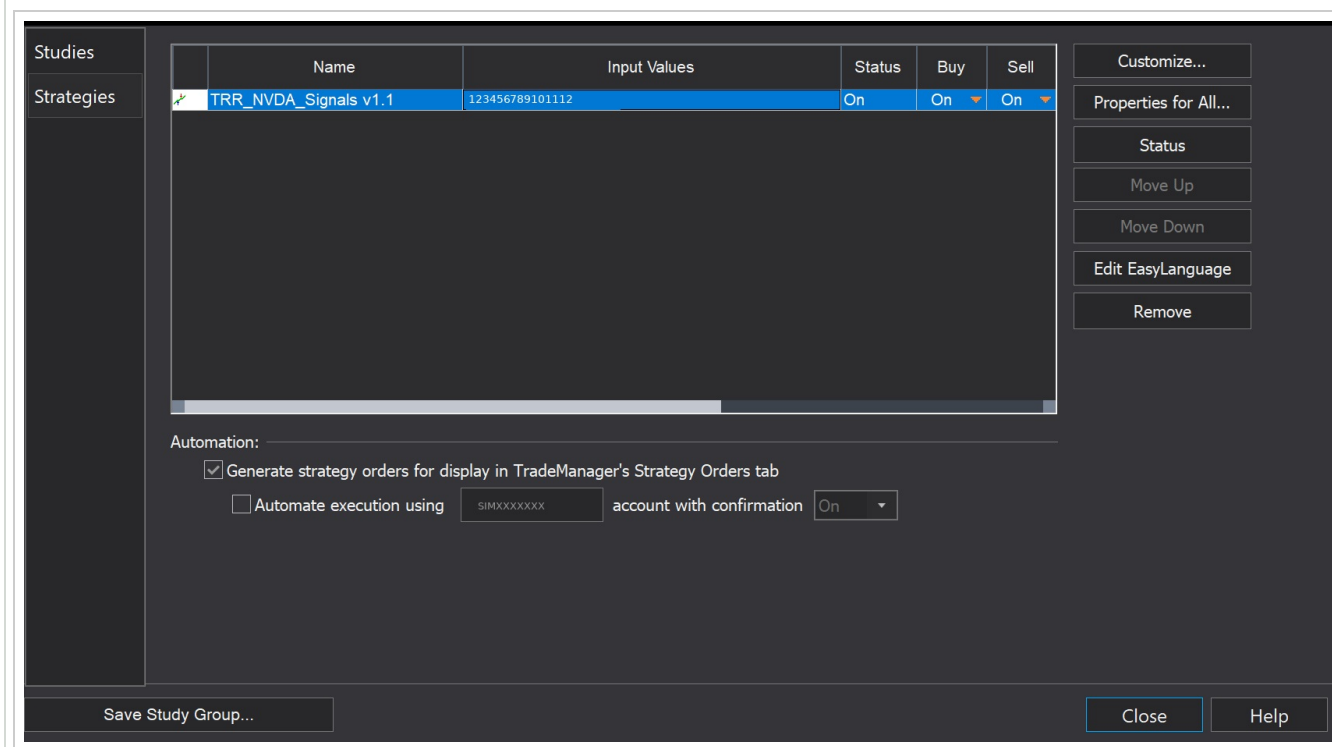
1 Right-click anywhere on the chart, then go to **Studies > Edit Strategies...**



## 2 Select the True Range Research strategy in the list, then click Customize...

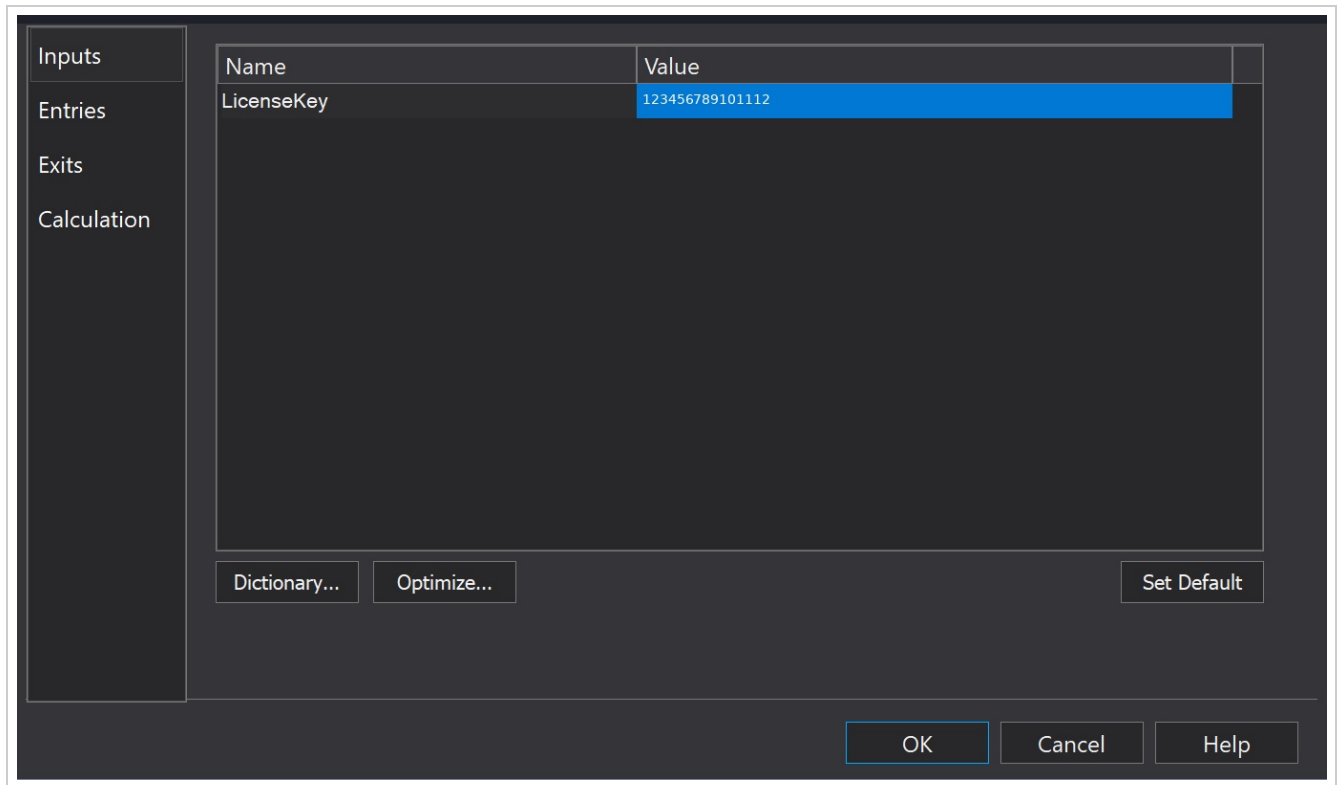
The name includes your product — `TRR_NVDA_Signals` in this example.

Leave the Automation settings at the bottom of the window as they are.



3 **On the Inputs tab, select the value beside `LicenseKey` , paste your key, then click **OK**.**

Fifteen digits, no spaces. A stray space picked up in copying will fail the same way a wrong key does.



4 **Click Close, then let the chart recalculate.**

The studies check the key before they mark anything, so this is the point where the chart starts working.

5 **Save the workspace: `File > Workspaces > Save Workspace` .**

The key is stored with the workspace. Save it now and you will not retype it at the start of every session.

6 **Save the desktop as well: `File > Desktops > Save Desktop` .**

TradeStation treats the workspace and the desktop as two separate things. Saving only the workspace is the most common installation problem we see, and it presents as everything working perfectly until the next time you open the platform.

One key per workspace. Enter it once, save the workspace, and every chart in it is covered.

## If something looks wrong

### **The chart is blank, or nothing is marked on it**

Give the data time to finish loading first. If it stays blank, confirm the import finished — repeat Part 1 and accept every prompt.

### **TradeStation reports a symbol or interval error**

Each product is written for a specific symbol and set of intervals, and it stops rather than marking a chart it was not built for. Open the workspace as supplied instead of changing the symbol or interval on an existing chart.

### **You get a license message**

Go back to `Studies > Edit Strategies > Customize > Inputs` and check the `LicenseKey` value against your confirmation email, including any leading or trailing space picked up in copying. Keys are issued per product, so a key for one symbol will not open another. If it still fails, email [support@truerangerresearch.com](mailto:support@truerangerresearch.com) with the product name and the message you are seeing.

### **A study is missing from the list**

An unchecked box in step 8 or 9 leaves part of the install behind. Run Part 1 again and use **Select All**.

### **Part of the chart loads and part of it does not**

The missing side is almost always a missing account. Each product charts its symbol alongside a matching ETF, so a futures product needs both a futures account and an equity account, and an equity product needs an equity account.

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