

SignalTrader

Setup & Installation Guide — Beginner Friendly Edition

Everything you need to install and configure SignalTrader on a Windows PC or Windows VPS, connect IB Gateway, set up Mobile Access on your iPhone, and start receiving automated SPX trading signals. **No computer experience required** — every step has a picture, and this edition starts from absolute zero, including what a VPS is and how to rent one.

APP VERSION	GUIDE EDITION	PLATFORM	SUPPORT
1.1.0	July 2026	Windows 10 / 11 & Server 2019+	@ASGSPX on Telegram

New in this edition

A complete "Before You Start" section for beginners • What a VPS is and how to rent one, step by step • Remote Desktop instructions for PC and iPhone • Screenshots for every step of IB Gateway, SignalTrader and Mobile Access setup • A one-page setup checklist.

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Part A — Before You Start

This part is written for people who have **never** done anything like this before. If you already know what a VPS is and how to use Remote Desktop, you can skip straight to **Section 1**. Everyone else — take 10 minutes and read this first. It will make everything that follows easy.

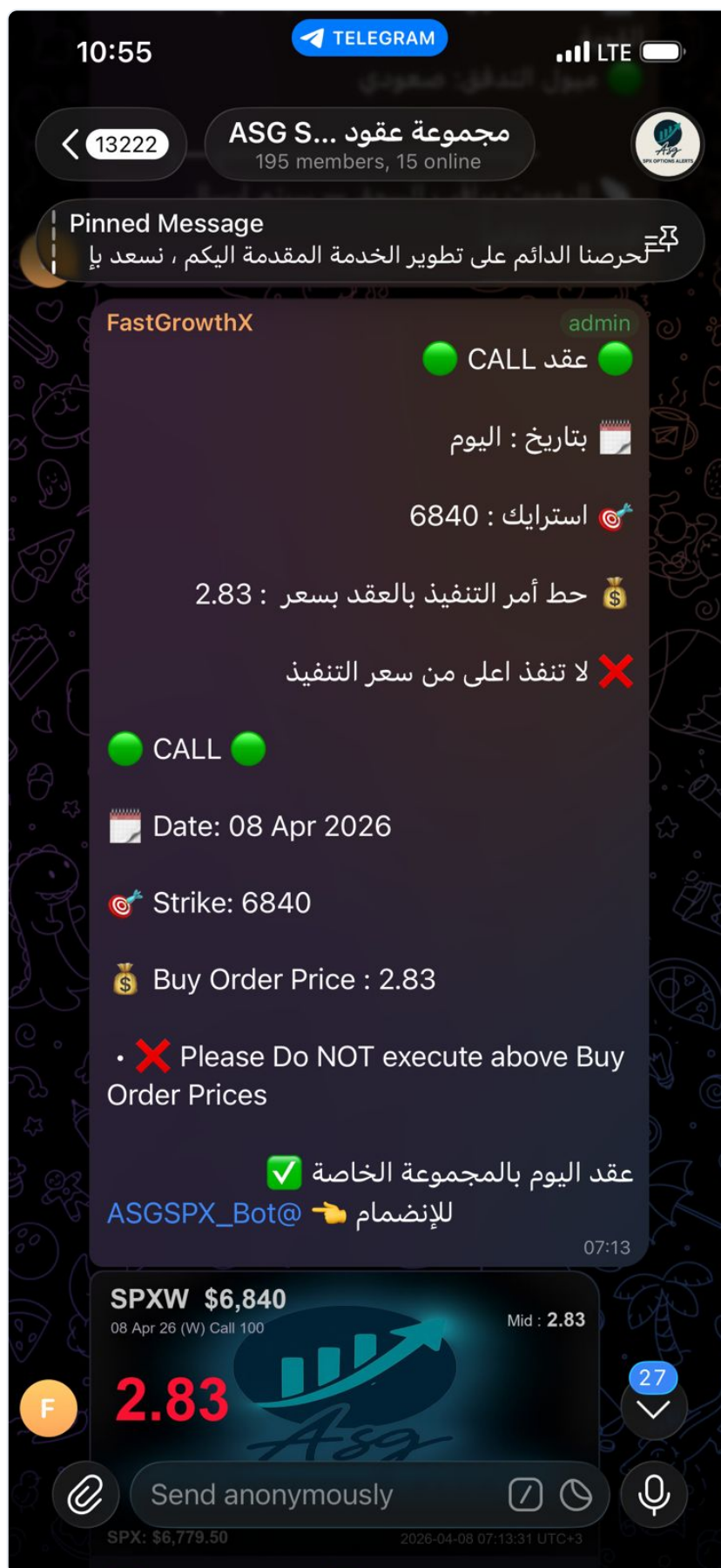
A.1 — What is SignalTrader and how does it work?

SignalTrader is a Windows program that receives SPX option trading signals from the ASG server and places those trades automatically **in your own Interactive Brokers account**. Your money never leaves your own broker account — SignalTrader simply connects to it and places the trades for you.

Three pieces work together:

Piece	What it does
SignalTrader	The app you install. It receives signals, places orders, manages take-profit and stop-loss, and shows you everything on a dashboard.
IB Gateway	A small program from Interactive Brokers. It is the "bridge" between SignalTrader and your IB account, and it must always be running. (The full TWS platform works too — see Section 3.)
Your computer or VPS	The machine that runs both programs. It must stay on and connected to the internet during US market hours.

You will also see trade alerts in the ASG Telegram channel — but the Telegram messages are just notifications. The actual automated execution happens on your machine through SignalTrader:



Signals as they appear in Telegram. SignalTrader executes them automatically in your IB account — you don't need to type anything.

Small dictionary — 6 words you will see a lot

Word	Plain-language meaning
VPS	A computer you rent in a data center. It runs 24/7 and you control it from your own screen. Explained fully in A.3.
API	The "connection channel" programs use to talk to each other. SignalTrader talks to IB Gateway through the IB API.
Paper Trading	A practice account with fake money. Everything works exactly like real trading, but nothing real is at risk. Always start here.
Live Trading	Your real, funded account. Real money.
TP / SL	Take Profit / Stop Loss — the price levels where a trade closes automatically with a profit or a limited loss.
Activation code	The license key you receive from ASG when you subscribe. You will type it once during setup.

A.2 — What you need before you begin

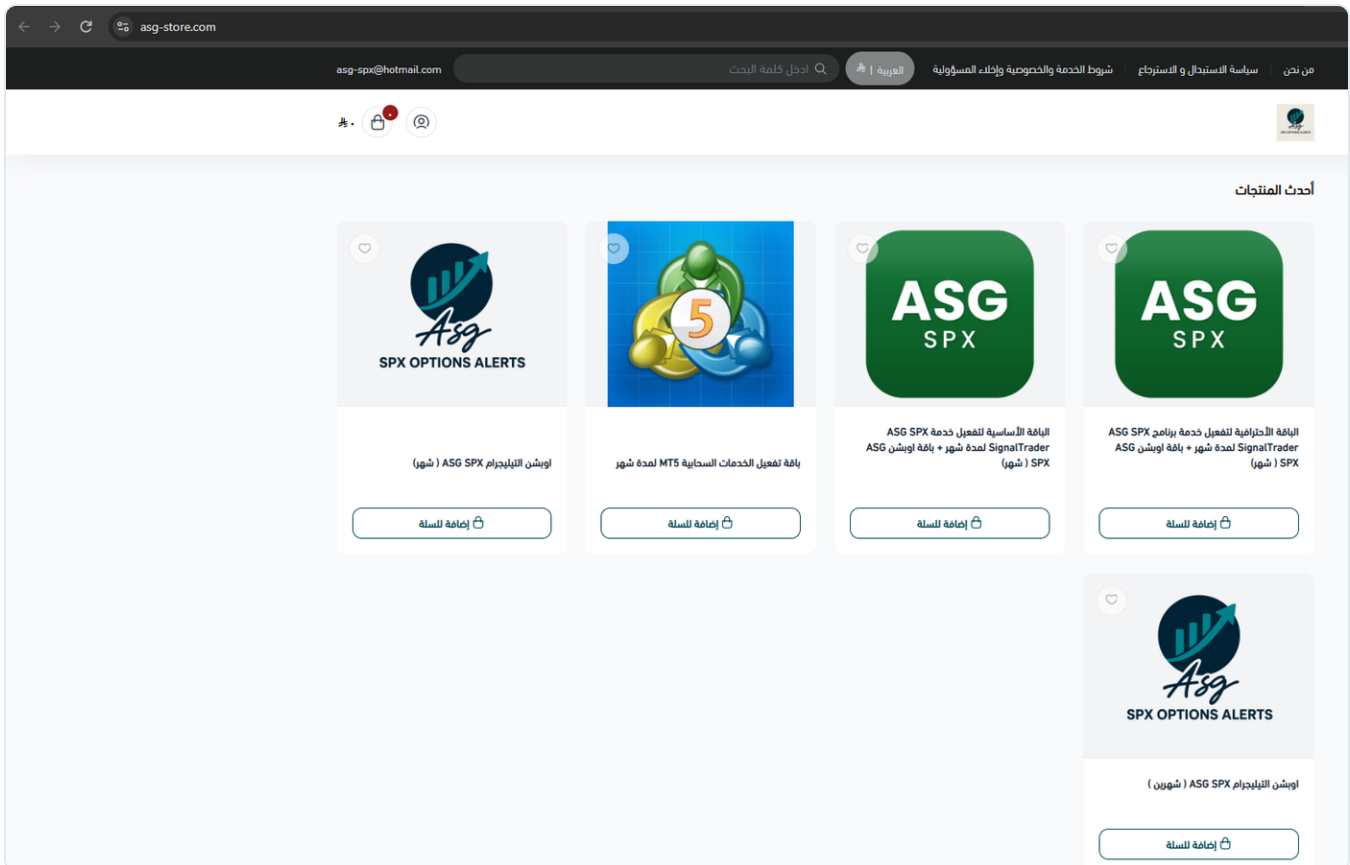
- ☐ **An Interactive Brokers (IBKR) account — Pro type** — funded, with US options trading permission (see Section 6.3). It must be **IBKR Pro**: the free IBKR Lite plan has no API capability, so SignalTrader cannot trade on it. Accounts opened through official IB local representatives — such as **Derayah Global** in the Middle East — are regular IB accounts and work exactly the same. Paper login works for practice.
- ☐ **Your ASG activation code** — purchased from the official store, then generated for you by support. Full steps right below.
- ☐ **A Windows computer or a Windows VPS** — Windows 10/11, or Windows Server 2019+ for a VPS (see A.3–A.4).
- ☐ **About 30–45 minutes** — that's all the setup takes when you follow this guide in order.

How to buy your activation code

Activation codes are sold through the official ASG store and then generated personally for you by support:

1. Open the official store: <https://asg-store.com> (Arabic and English).
2. Pick one of the two **SignalTrader activation packages** — the products with the green **ASG SPX** icon (Basic or Professional; both include one month of the ASG SPX options group). The other products — the Telegram-only subscriptions and the MT5 cloud package — are separate services and do **not** activate SignalTrader.
3. Click **إضافة للسلة** (Add to cart) and complete checkout.

4. After payment, message SignalTrader support on Telegram — **@ASGSPX** — with your order confirmation. Support generates your personal activation code and sends it to you.
5. Keep the code handy: you will type it once, in Section 7 (Step 1 of the setup wizard).



The official store, asg-store.com. The two green ASG SPX packages are the ones that activate SignalTrader; see the store for current prices.

Tip: The main Telegram bot **@ASGSPX_Bot** handles subscriptions and all ASG services in one place. For anything SignalTrader-specific, **@ASGSPX** is your support channel.

A.3 — What is a VPS — and do I need one?

A **VPS (Virtual Private Server)** is simply a Windows computer that you rent by the month. It sits in a professional data center, stays on **24 hours a day, 7 days a week**, and has a fast, stable internet connection. You never touch it physically — instead, you open a window on your own PC or iPhone and see its screen, move its mouse and type on its keyboard, exactly as if it were in front of you. That window is called **Remote Desktop**.

The key idea: **when you close the Remote Desktop window, the VPS keeps running**. SignalTrader and IB Gateway keep working, trades keep executing — you just stopped watching.

Do I need one?

Your situation	Recommendation
You can leave your home PC on with stable internet during US market hours (about 4:30 PM – 11:00 PM Saudi time in summer, 5:30 PM – 12:00 AM in winter)	A VPS is optional — your home PC is fine.
Your PC sleeps, restarts, or your internet/electricity is not reliable — or you simply don't want to think about it	Rent a VPS. This is what most subscribers do. Set it up once and forget it.

Important: If the machine running SignalTrader turns off, sleeps, or loses internet, **trades stop executing and open positions are no longer managed.** This is the whole reason a 24/7 VPS is recommended.

A.4 — How to rent a VPS, step by step

Renting a VPS takes about 10 minutes and works like any online purchase. Any provider that offers **Windows Server** plans will work — you do not need anything special.

What to order — copy this checklist

Setting	What to choose
Operating system	Windows Server 2022 (or 2019). Not Linux! SignalTrader is a Windows program.
CPU	2 vCPU or more
RAM	4 GB minimum, 8 GB recommended
Disk	60 GB or more (SSD)
Server location	USA — East Coast (New York / New Jersey / Virginia) for the lowest latency to US markets. Any US location is fine.
Typical price	Roughly \$12–\$30 per month . Windows plans cost a little more than Linux because the Windows license is included — that is normal.

STEP 01 Choose a provider

Examples of well-known providers with Windows VPS plans: **Contabo**, **Kamatera**, **InterServer** (interserver.net), **Vultr**, **OVHcloud**, or trading-focused hosts such as **ForexVPS**. We are not affiliated with any of them — any provider that meets the checklist above works.

STEP 02 Order the plan

On the provider's website, pick a plan with the specs above, select **Windows Server 2022** as the operating system, choose a **US-East** location, create an account and pay. Monthly billing is fine — you can cancel any time.

STEP 03 Wait for the welcome email

Within minutes (sometimes up to an hour) the provider emails you three things. Save them somewhere safe:

- **IP address** — four numbers like `203.0.113.25`. This is your VPS's "phone number".
- **Username** — almost always `Administrator`.
- **Password** — a long generated password.

Tip: Change the password after your first login (press **Ctrl+Alt+End** inside the Remote Desktop window, then choose **Change a password**) and store it in a password manager. Anyone with this password controls your trading machine.

A.5 — How to connect to your VPS (Remote Desktop)

Remote Desktop is already built into Windows — there is nothing to install on your home PC.

STEP 01 Open Remote Desktop Connection on your PC

Press the **Windows key**, type `Remote Desktop Connection`, press Enter.

STEP 02 Enter the VPS IP and connect

In the **Computer** field, type the IP address from the welcome email and click **Connect**. Enter the username `Administrator` and the password. If Windows warns about the certificate of the remote computer, click **Yes** — this is normal for a new VPS.

STEP 03 You are in

A window opens showing the VPS's Windows desktop. **Everything in the rest of this guide happens inside this window** — you download, install and run everything on the VPS, not on your home PC.

✓ **Checkpoint:** You can see a Windows desktop inside the Remote Desktop window, and closing the window (X) then reconnecting brings you back to the same desktop with everything still running.

From iPhone or Mac: Install the free **Windows App** by Microsoft from the App Store (previously called "Remote Desktop"). Tap **+ → Add PC**, enter the same IP, username and password. Useful for a quick check on the go — but for the full SignalTrader mobile dashboard, use Mobile Access (Section 12), which is much more comfortable on a phone.

A.6 — The whole setup at a glance

Here is the complete journey. Print this page and tick each box as you go:

- ☐ **1.** Rent a VPS and connect to it with Remote Desktop (Part A.4–A.5 — skip if using your home PC)
- ☐ **2.** Download SignalTrader and IB Gateway (Section 2)
- ☐ **3.** Install IB Gateway and log in (Section 3)
- ☐ **4.** Unzip and run SignalTrader (Section 4)
- ☐ **5.** Enable API access in IB Gateway (Section 5)
- ☐ **6.** Remove API trading restrictions (Section 6)
- ☐ **7.** Launch SignalTrader, enter your activation code, finish the wizard (Section 7)
- ☐ **8.** Verify both indicators are green: Server Connected + IB Connected (Section 7)
- ☐ **9.** Set both programs to start automatically (Section 11 — recommended on VPS)
- ☐ **10.** Optional: set up Mobile Access on your iPhone (Section 12)

Stuck at any point? Message **@ASGSPX** on Telegram with a screenshot. Section 14 explains exactly what to send so we can help you fast.

1. System Requirements

Before you begin, make sure the machine (PC or VPS) meets these requirements:

Requirement	Minimum	Recommended
Operating System	Windows 10 (64-bit)	Windows 11 or Server 2022
RAM	4 GB	8 GB
Disk Space	500 MB free	1 GB free
Internet	Stable broadband	Low-latency connection
Account	Interactive Brokers account — Pro type	Funded IBKR Pro account with API enabled

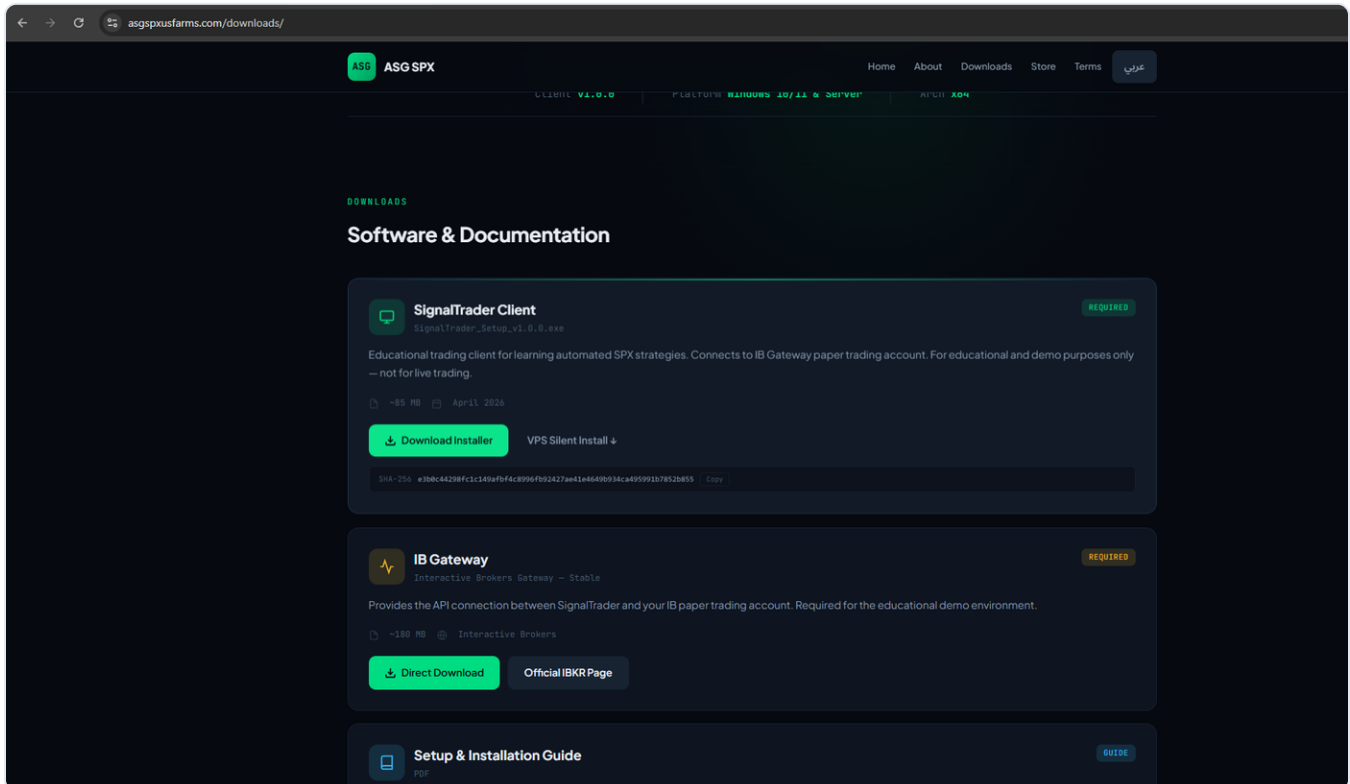
Tip: SignalTrader works on both regular Windows PCs and Windows VPS. If you plan to run it 24/7, a VPS is recommended — see Part A.3.

Account type matters: **IBKR Lite** accounts have no API capability and cannot work with SignalTrader — you need **IBKR Pro** (switching is free in the IBKR Client Portal). Accounts held through IB's official local representatives around the world — e.g. **Derayah Global** in the Middle East — are Interactive Brokers accounts and work normally.

2. Download the Software

On the machine that will run SignalTrader (your VPS if you rented one), open a browser and visit the download page:

www.asgspusfarms.com/downloads/



The downloads page. You need two installers: **SignalTrader Client** (top card) and **IB Gateway** (second card). This PDF guide is on the same page.

Download:

- **SignalTrader Client** — a ZIP package (e.g. `SignalTrader_v1.1.0.zip`) containing the app; no installer needed
- **IB Gateway** — the bridge to your Interactive Brokers account (the **Direct Download** button, or the **Official IBKR Page** button)

Verify your download (recommended)

To confirm the download was not modified in transit, open **Command Prompt** (Windows key → type `cmd` → Enter) and run:

```
certutil -hashfile SignalTrader_v1.1.0.zip SHA256
```

Compare the long code it prints with the **SHA-256** shown on the download page. If they match, the file is genuine.

Download blocked? If your browser or antivirus blocks the download, that is a false positive — see Section 9 (Antivirus Exclusions). On a Windows Server VPS the browser itself may block downloads — see Section 10 for a one-line PowerShell alternative.

3. Install IB Gateway

Important: IB Gateway must be installed and running **before** you use SignalTrader — it is the bridge to your broker.

Gateway or TWS? SignalTrader connects through either **IB Gateway** (lightweight — recommended, and what this guide shows) or the full **Trader Workstation (TWS)**. In TWS the same API settings live under **File → Global Configuration → API**, with default ports 7496 (live) / 7497 (paper), and the SignalTrader wizard auto-detects those too. If your account was opened through an official IB local representative such as **Derayah Global**, you sign in to the same IB Gateway/TWS with your normal credentials.

STEP 01 Download from IBKR (if you used the "Official IBKR Page" button)

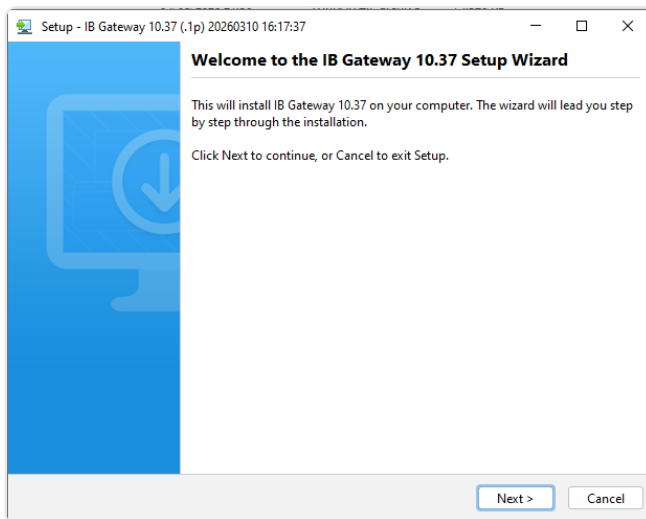
On the Interactive Brokers page, choose the **Stable** channel of IB Gateway for Windows and download it:

 IBGateway_Stable.exe	04/08/2026 21:57	Application	299,315 KB
 SignalTrader.zip	04/08/2026 21:56	WinRAR ZIP archive	74,326 KB

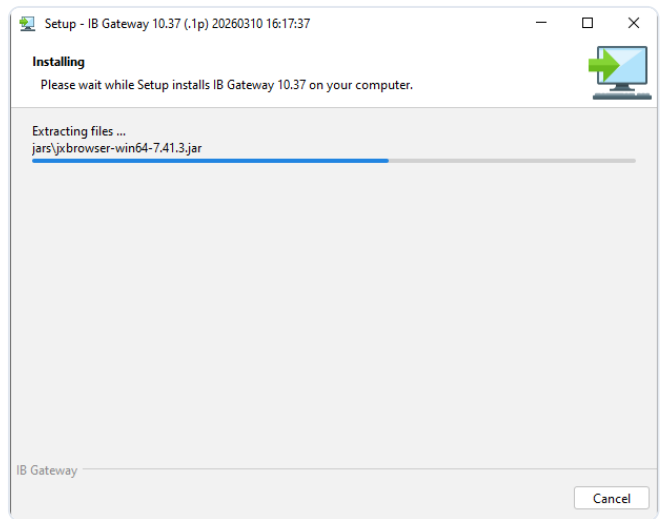
The IB Gateway download area on the official Interactive Brokers website — pick the **Stable** version.

STEP 02 Run the installer

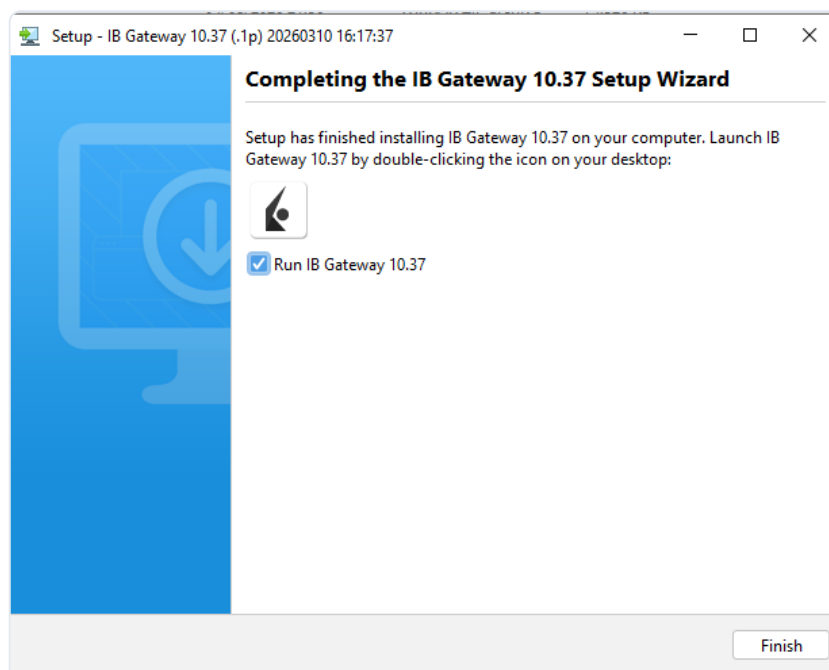
Double-click the IB Gateway installer. If a blue SmartScreen window appears, click **More info** then **Run anyway**. Follow the wizard — click **Next**, accept the defaults, then **Install** and **Finish**:



Installer welcome screen — click Next.



Installation runs for a minute...

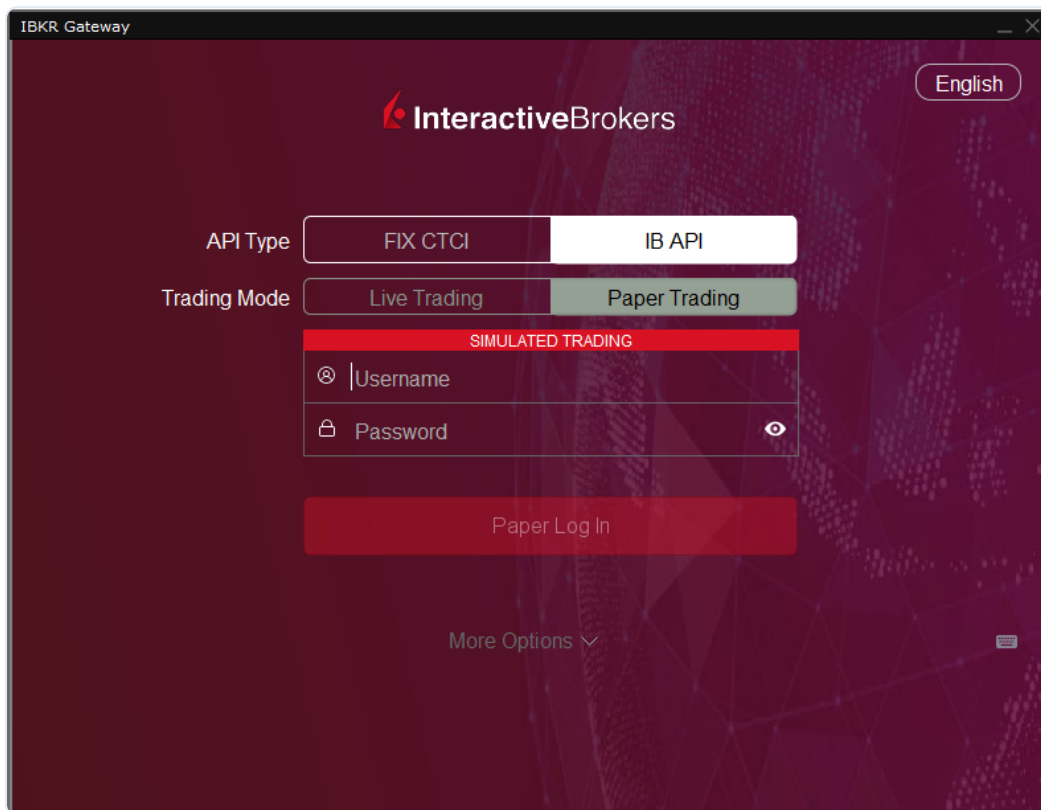


Click **Finish** when done.

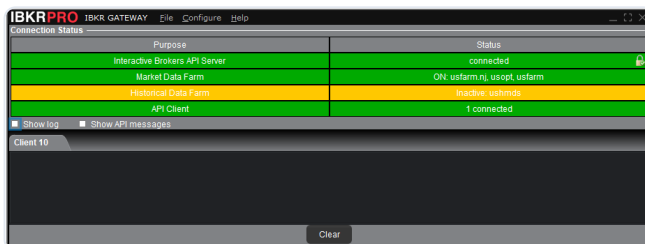
STEP 03 Launch IB Gateway and log in

Double-click the IB Gateway icon on the desktop. On the login screen:

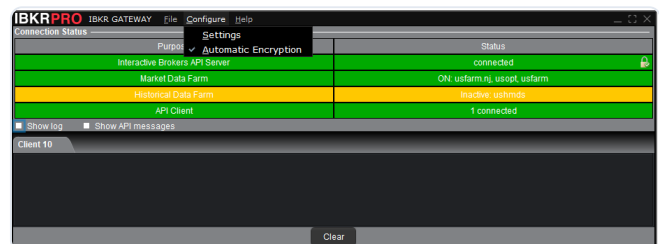
- Select **IB API** as the type — **not** "FIX CTCTI"
- Choose **Paper Trading** (recommended to start) or **Live Trading**
- Enter your Interactive Brokers username and password
- Click **Log In**



The IB Gateway login screen.

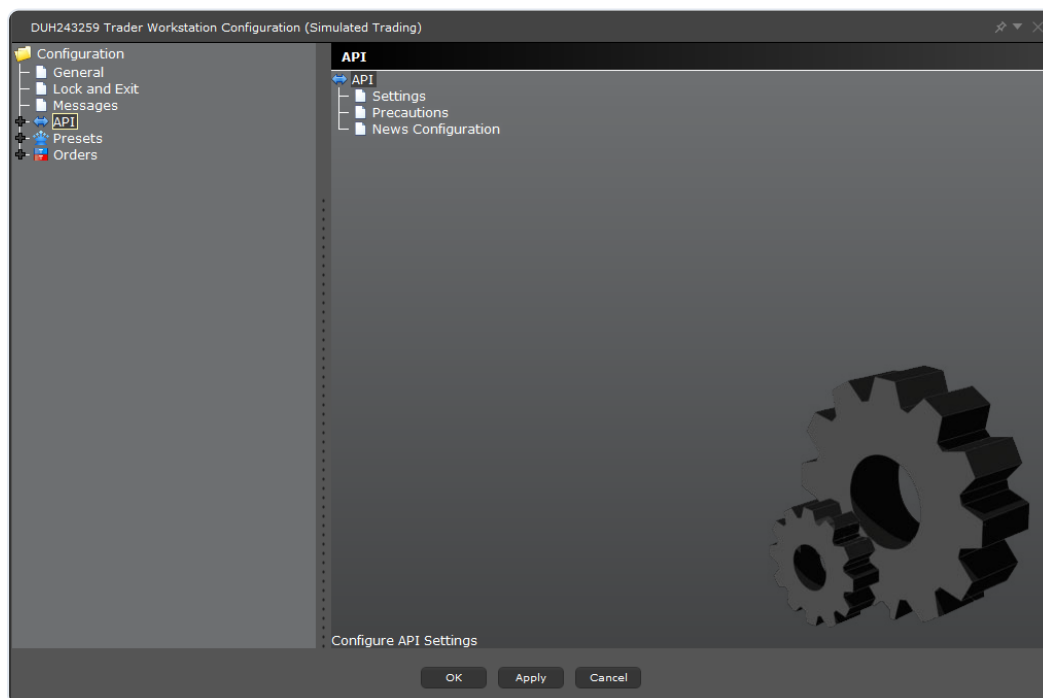


Close-up: **IB API** selected at the top...



...and choose **Paper Trading** or **Live Trading** below.

STEP 04 Verify the connection



IB Gateway after a successful login. Keep this window open.

✓ **Checkpoint:** IB Gateway is open, logged in, and shows a green/connected status.

Important: IB Gateway must stay running the whole time you use SignalTrader. If you close it, SignalTrader loses the broker connection.

4. Install SignalTrader (unzip & run)

SignalTrader ships as a ZIP package — there is no installer to click through. You extract it once and run the app straight from the folder.

STEP 01 Extract the ZIP

The ZIP can live **anywhere** on your PC or VPS — Desktop, Documents, or any folder you like. Right-click it, choose **Extract All...**, and click **Extract**. (The example commands in this guide assume the Desktop.)

STEP 02 Open the extracted folder

Inside you will find exactly two items — a folder called `_internal` and `SignalTrader.exe`:

Name	Date modified	Type	Size
 <code>_internal</code>	07/24/2026 09:01	File folder	
 <code>SignalTrader.exe</code>	07/23/2026 22:41	Application	14,757 KB

The extracted SignalTrader folder. Keep `_internal` next to `SignalTrader.exe` — the app cannot start without it, so never move the .exe out on its own.

To start SignalTrader, simply double-click `SignalTrader.exe` — or right-click it and choose **Open**.

STEP 03 Create a desktop shortcut (recommended)

Right-click `SignalTrader.exe` → **Send to** → **Desktop (create shortcut)**. From now on you can launch it from the desktop like any app.

✓ **Checkpoint:** The folder is extracted and `SignalTrader.exe` sits next to `_internal`. Don't run it yet — first we prepare IB Gateway in Sections 5 and 6, then launch and activate in Section 7.

5. Configure IB Gateway for API Access

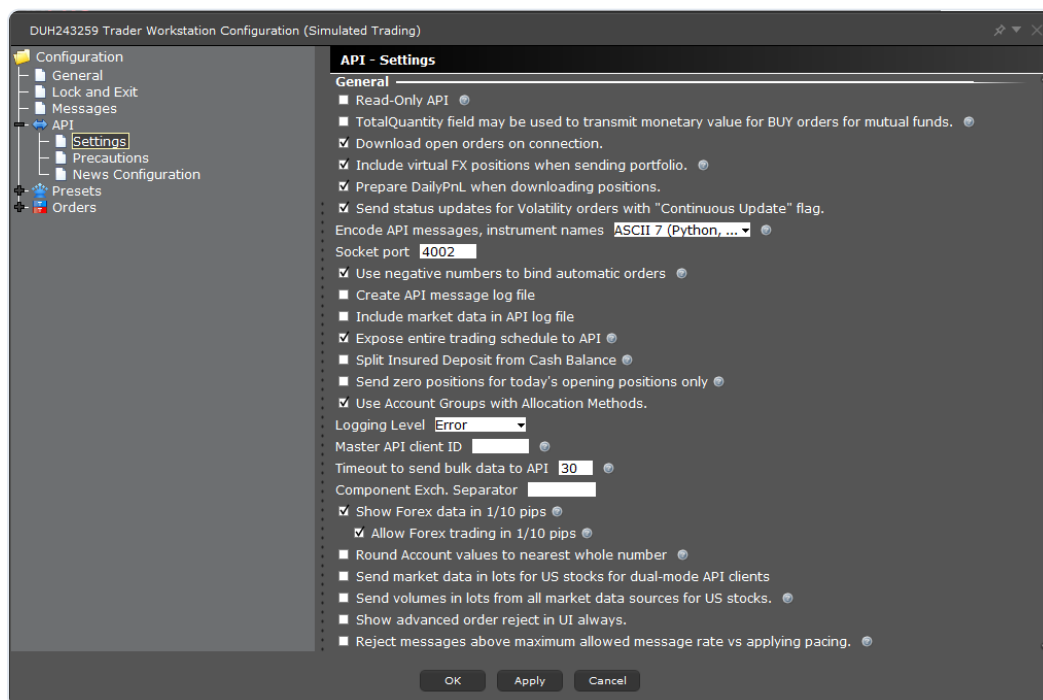
SignalTrader talks to IB Gateway through the API. Out of the box, that channel is not fully open — you enable it here. This takes two minutes.

STEP 01 Open the IB Gateway settings

In IB Gateway, click **Configure** → **Settings**. In the left panel expand **API** and click **Settings**.

STEP 02 Set these values exactly

Setting	Value	Why
Enable ActiveX and Socket Clients	CHECKED	Required for the API connection
Socket Port	4002 (paper) / 4001 (live)	Must match SignalTrader's setting — it auto-detects during the wizard
Allow connections from localhost only	CHECKED	Security — only programs on this machine may connect
Read-Only API	UNCHECKED	If checked, SignalTrader can see data but cannot place trades



The **API** → **Settings** page with the values above.

Using TWS instead of IB Gateway? Its defaults are 7496 (live) / 7497 (paper) under **File** → **Global Configuration** → **API** → **Settings** — the wizard auto-detects these as well.

STEP 03 Apply and restart

Click **Apply**, then **OK**, then close and reopen IB Gateway so the changes take effect.

Warning: If **Read-Only API** stays checked, no trades will ever execute. Double-check it is unchecked.

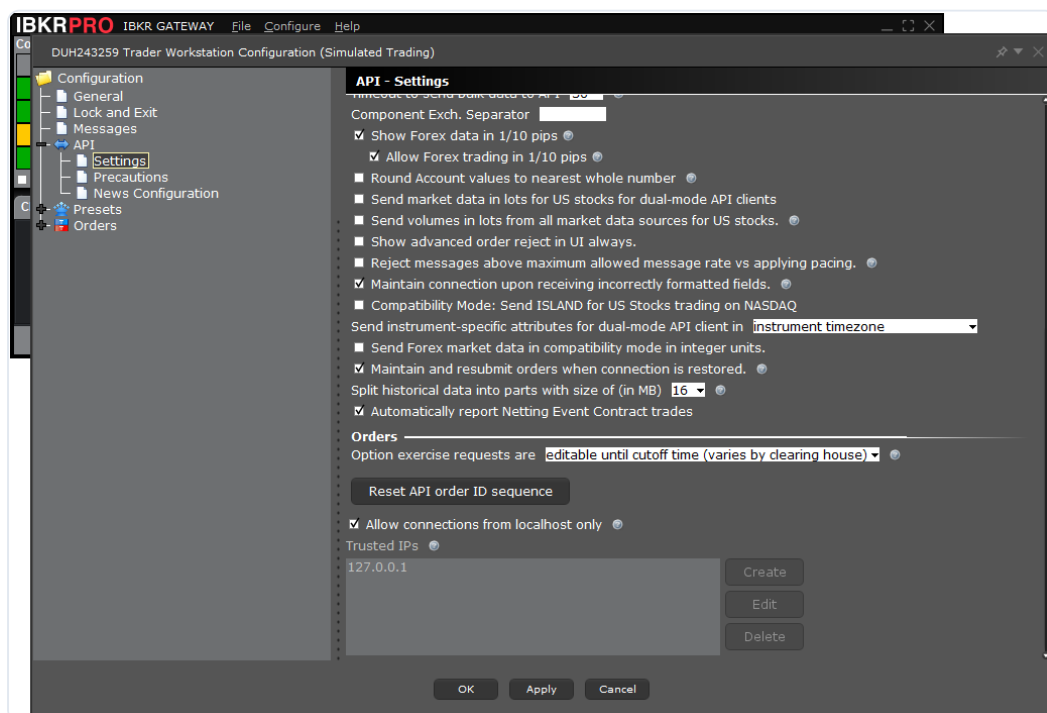
6. Remove API Trading Restrictions

By default, IB Gateway pops up a confirmation window for every order sent through the API. A human has to click it — which blocks automated trading completely. In this section you switch those popups off and verify your IBKR account permissions.

6.1 — Turn off API order confirmation popups

STEP 01 Open API Precautions

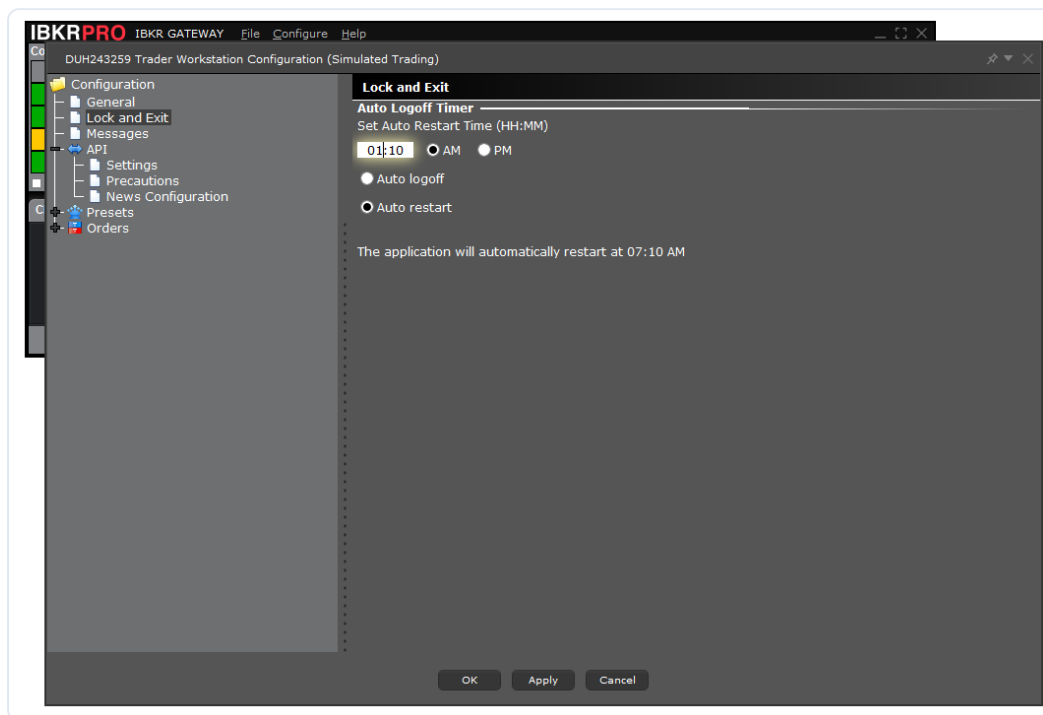
In IB Gateway: **Configure** → **Settings** → **API** → **Precautions**.



The **API** → **Precautions** page.

STEP 02 Check every "Bypass" option

- **Bypass Order Precautions for API Orders** — the master switch, most important
- **Bypass Bond warning**
- **Bypass negative yield to worst confirmation**
- **Bypass price-based volatility risk warning**
- **Bypass Redirect Order warning**
- ...and all other **Bypass** options on the page

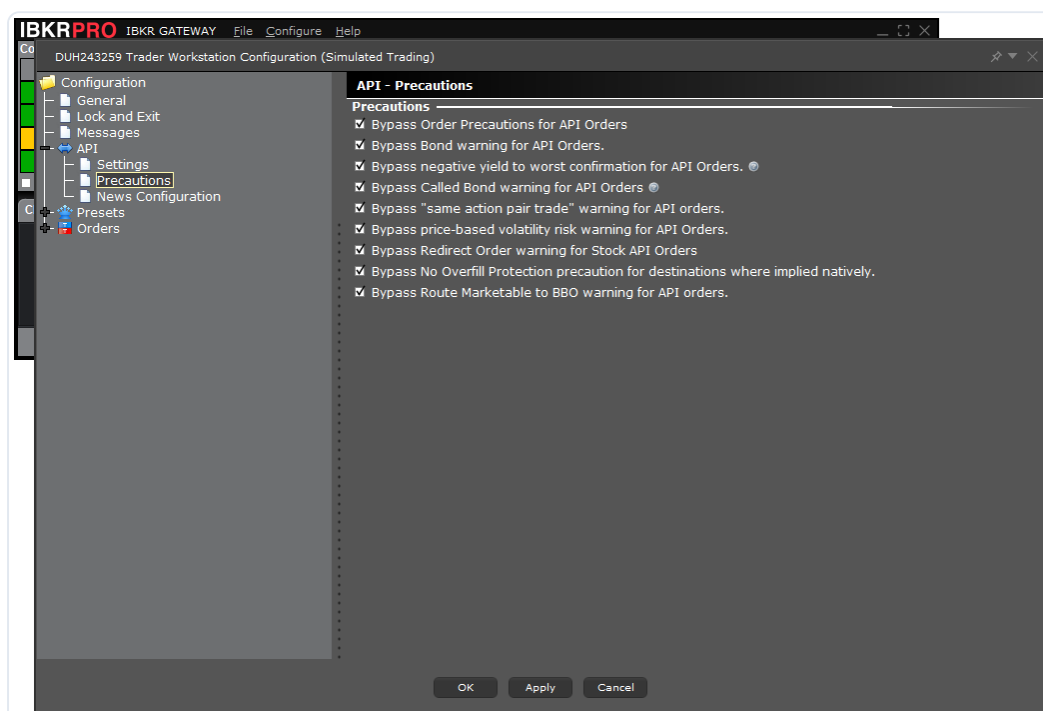


All Bypass options checked. Click **Apply** then **OK**.

Important: If you skip this step, every order will hang waiting for a manual confirmation click, and your trades will **not** execute.

6.2 – Configure auto-restart (recommended)

IB Gateway restarts itself once a day. Set it to restart automatically instead of logging you out: **Configure** → **Settings** → **Lock and Exit** → select **Auto restart**.



Lock and Exit — choose **Auto restart** so IB Gateway keeps running every day.

6.3 – Verify permissions on your IBKR account

Some restrictions live in your IBKR account itself. Log in to the IBKR website (Client Portal) and check:

- **Settings → Account Settings:** the account type must be **IBKR Pro** — IBKR Lite has no API capability (switching from Lite to Pro is free)
- **Settings → Account Settings → Trading Permissions:** enable **United States — Stocks and Options** (needed for SPX options)
- **Settings → API Settings:** enable **API Trading**

6.4 – Quick verification checklist

Setting	Where	Required value
Read-Only API	IB Gateway → API → Settings	UNCHECKED
ActiveX and Socket Clients	IB Gateway → API → Settings	CHECKED
Socket Port	IB Gateway → API → Settings	4002 (paper) / 4001 (live)
Bypass Order Precautions	IB Gateway → API → Precautions	CHECKED
API Trading	IBKR account → API Settings	ENABLED
US Options permissions	IBKR account → Trading Permissions	ENABLED

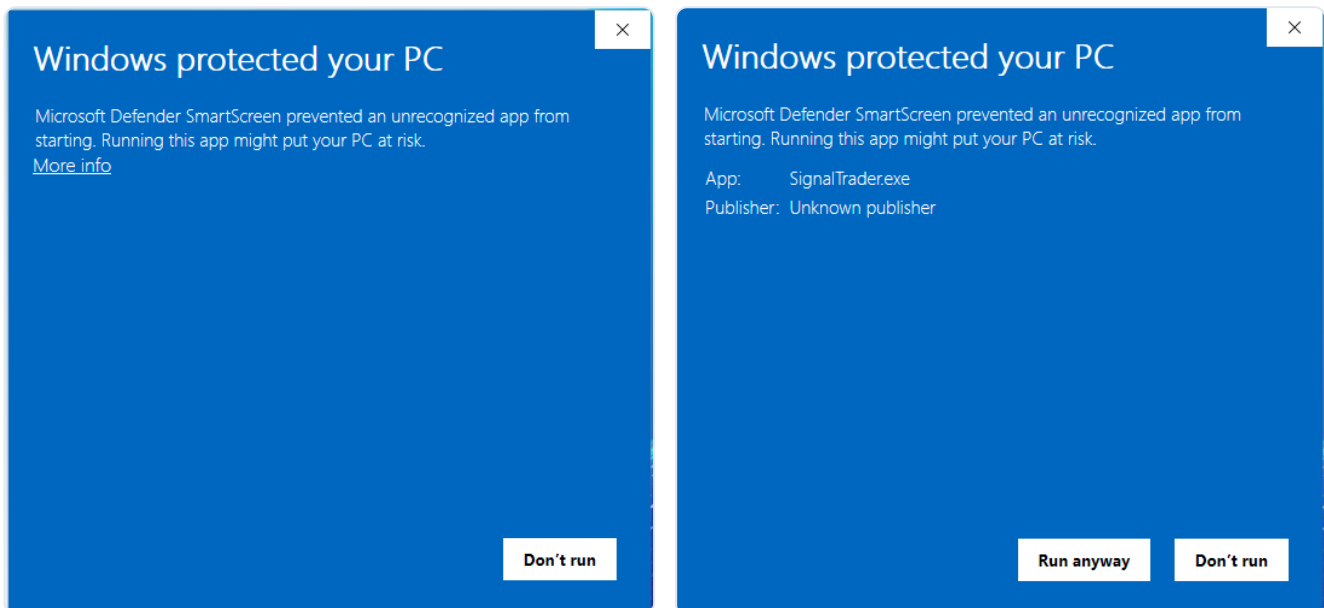
7. Launch, Activate and Connect SignalTrader

STEP 01 Make sure IB Gateway is running

Open and logged in, green status — as at the end of Section 3.

STEP 02 Launch SignalTrader — and handle SmartScreen on first run

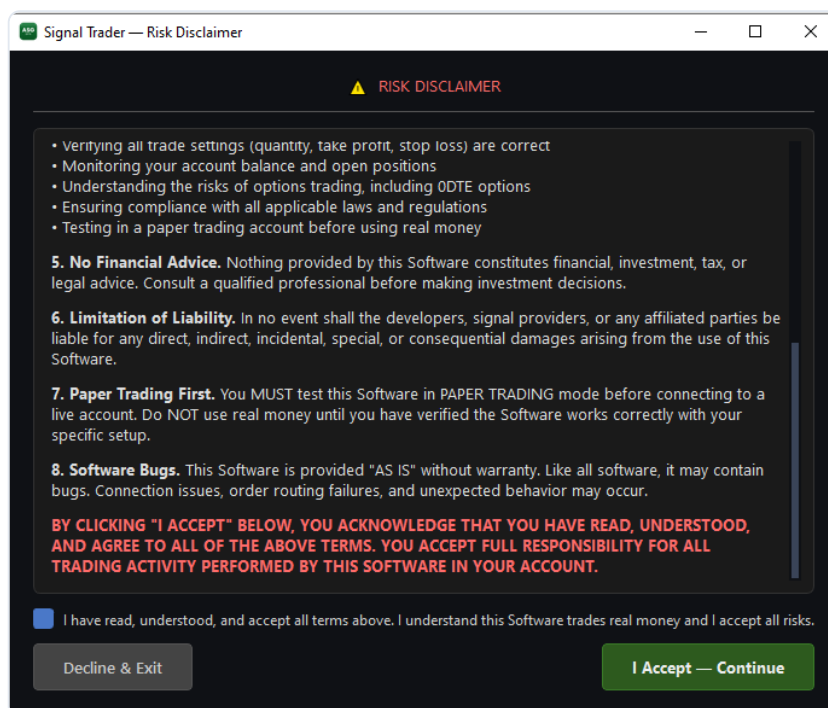
Double-click `SignalTrader.exe` — or right-click it and choose **Open** — or use the desktop shortcut from Section 4. On the very first run, Windows may show a blue popup saying "Windows protected your PC". This is a standard warning for new publishers and is expected:



1 — Click **More info**.

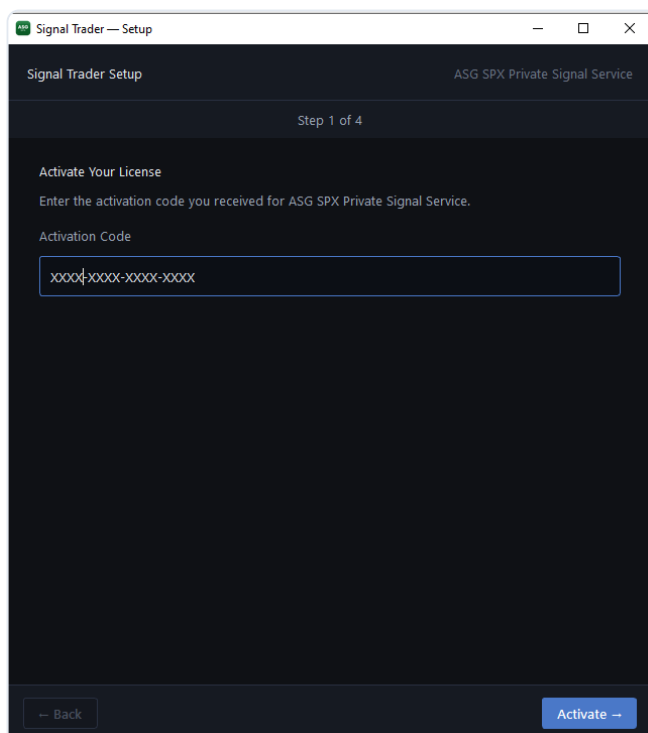
2 — Click **Run anyway**.

The Risk Disclaimer appears next — read it carefully, tick the acceptance box, and click **I Accept — Continue**:

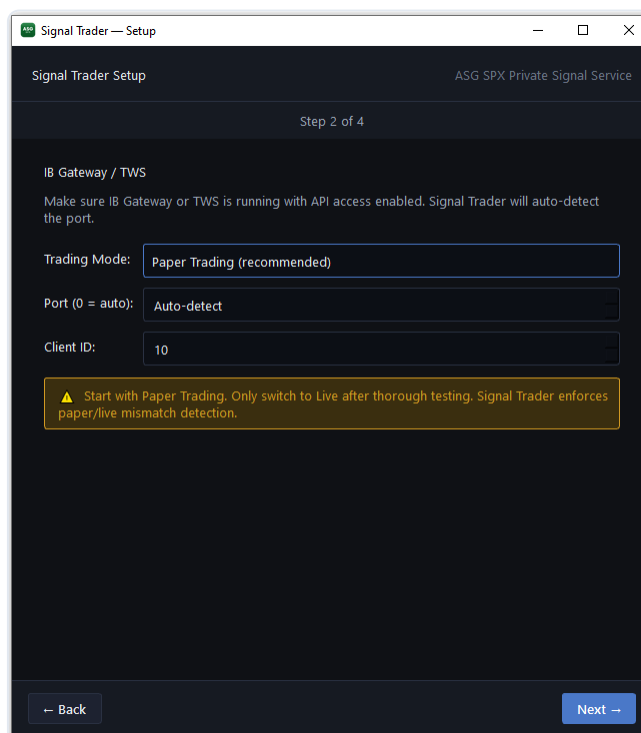


The Risk Disclaimer on first launch.

STEP 03 Complete the 4-step setup wizard



Step 1 of 4 — Activate your license: type the activation code you received from ASG (bought via asg-store.com — see A.2) and click **Activate**.



Step 2 of 4 — IB Gateway connection: select **Paper Trading** (recommended). The port is detected automatically; Client ID defaults to 10.

Step 3 of 4 — Default trade settings: contracts per signal, take profit, stop loss, position limits, timezone. You can change all of this later in Settings.

Step 4 of 4 — Setup complete: click **Finish**.

STEP 04 Verify the connections

The dashboard after a successful start: **Server: Connected** and **IB: Connected** (top-left, both green), your account values, and today's stats.

✓ **Checkpoint:** Both indicators are green — **Server: Connected** (the ASG signal server) and **IB: Connected** (your broker). You are live and will now receive signals automatically.

Tip: If either indicator is red, go to Section 13 (Troubleshooting) — it lists the exact causes in order of likelihood.

8. Windows Firewall Configuration

Normally no manual rules are needed — on the first run Windows may ask to allow SignalTrader network access; click **Allow access**. Only if you still hit connection problems, check and add the rules manually from Command Prompt:

Check existing rules:

```
netsh advfirewall firewall show rule name="SignalTrader"
```

Add rules manually (if missing):

```
netsh advfirewall firewall add rule name="SignalTrader" dir=in action=allow  
program="%USERPROFILE%\Desktop\SignalTrader\SignalTrader.exe" enable=yes profile=any  
netsh advfirewall firewall add rule name="SignalTrader Out" dir=out action=allow  
program="%USERPROFILE%\Desktop\SignalTrader\SignalTrader.exe" enable=yes profile=any
```

Tip: On Windows Server (VPS) the firewall is stricter than on desktop Windows. Always verify both inbound and outbound rules.

9. Antivirus Exclusions

Some antivirus programs flag new trading applications as suspicious. This is a false positive — you can verify the download yourself with the SHA-256 check in Section 2. To stop Windows Defender from interfering:

- Open **Windows Security** → **Virus & threat protection**
- Click **Manage settings**
- Scroll to **Exclusions** → **Add or remove exclusions**
- Add the folder where you extracted SignalTrader — e.g. `Desktop\SignalTrader`

If the ZIP or `SignalTrader.exe` itself was blocked:

- **Windows Security** → **Virus & threat protection** → **Protection history**
- Find the blocked file → **Actions** → **Allow on device**

10. Windows VPS — Extra Notes

A Windows Server VPS behaves slightly differently from desktop Windows:

Setting	Desktop Windows	Windows Server (VPS)
VC++ Runtime	Usually installed	Often missing — see Section 13 if you get a DLL error
Windows Defender	Enabled	May be disabled
IE / Edge security	Normal	Enhanced — may block downloads
Firewall	Standard	Stricter defaults

If the browser refuses to download files on the VPS, use PowerShell instead (Windows key → type `powershell` → Enter):

```
Invoke-WebRequest -Uri "https://www.asgspxusfarms.com/downloads/SignalTrader_v1.1.0.zip" -  
OutFile "$env:USERPROFILE\Desktop\SignalTrader.zip"  
Expand-Archive -Path "$env:USERPROFILE\Desktop\SignalTrader.zip" -DestinationPath  
"$env:USERPROFILE\Desktop\SignalTrader"
```

The first line downloads the ZIP to the VPS desktop; the second extracts it. Then run `SignalTrader.exe` from the extracted folder as in Section 4.

11. Auto-Start on Boot

A VPS occasionally restarts (Windows updates, provider maintenance). Set both programs to come back automatically so you don't miss signals.

Option A — Startup folder (simplest)

Press **Windows key + R**, type `shell:startup` and press Enter — a folder opens. Copy the SignalTrader desktop shortcut from Section 4 into it. Windows now launches SignalTrader at every sign-in.

Option B — Task Scheduler (more reliable for VPS)

From Command Prompt — adjust the path if you extracted somewhere other than the Desktop:

```
schtasks /create /tn "SignalTrader" /tr "\"%USERPROFILE%
\Desktop\SignalTrader\SignalTrader.exe\"" /sc onlogon /rl highest /f
```

Don't forget: IB Gateway must also come back after a restart — combine its **Auto restart** setting (Section 6.2) with keeping the VPS session logged in.

12. Mobile Access — Control SignalTrader from your iPhone

Mobile Access lets you monitor positions, edit TP/SL, and close trades from your iPhone — from anywhere. It uses **Tailscale**, a free secure tunnel that connects your iPhone directly to your PC or VPS without exposing anything to the public internet. Setup takes about 5 minutes.

Important: Mobile Access is a **remote control** for the SignalTrader app running on your PC/VPS. The PC and IB Gateway must still be running for trades to execute — your iPhone is the dashboard, not the engine.

12.1 — What you will set up

There are four pieces, and the Mobile Access dialog tracks each one with a green checkbox:

- **Tailscale installed on this PC** — the tunnel software on your trading machine
- **Tailscale connected** — signed in to your free Tailscale account
- **Mobile server running** — SignalTrader's built-in web server, started with one click
- **Ready — scan QR with iPhone** — the QR code appears, you point your camera at it

12.2 — Open the Mobile Access dialog

In SignalTrader, click **Tools** → **Mobile Access**. The setup dialog opens with the 4-step checklist. All four boxes are empty on first launch.

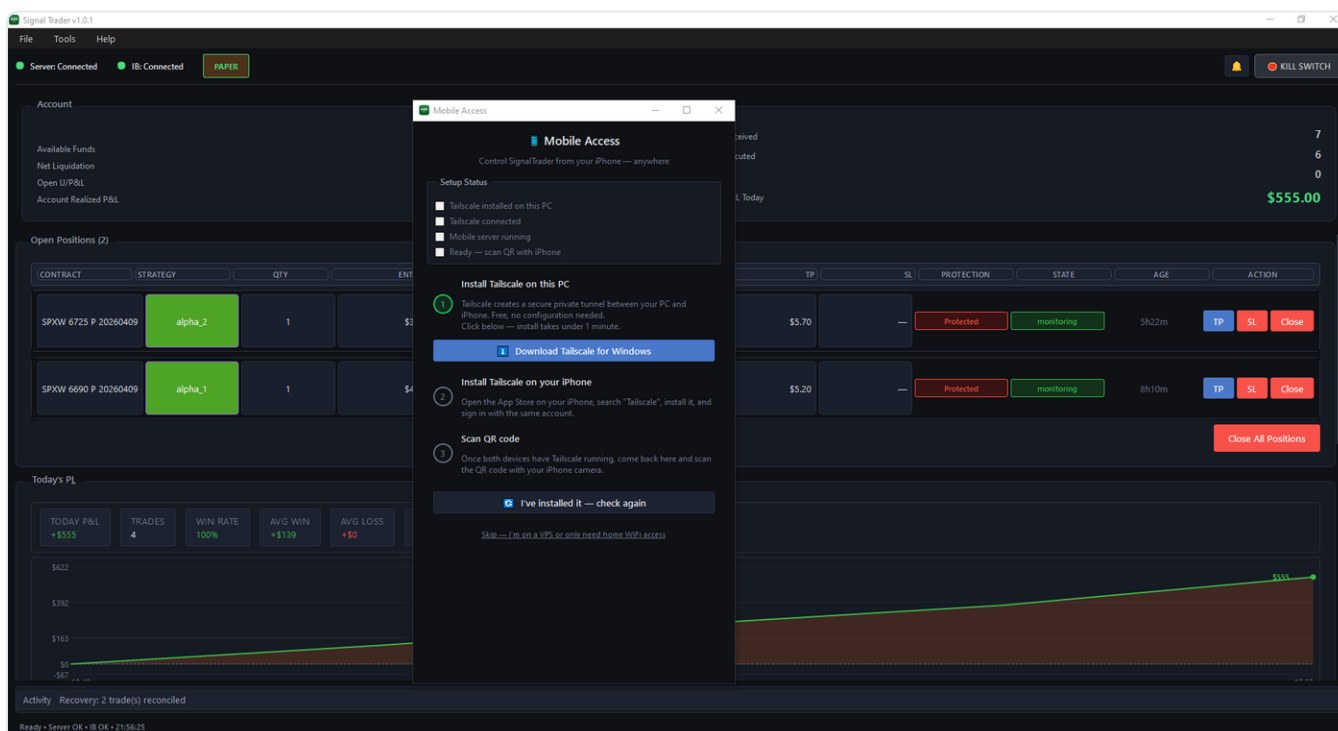


Figure 12.1 — Mobile Access dialog on first launch. All four steps unchecked; the dialog walks you through them in order.

Tip: If you only need access from your iPhone on the **same WiFi** as the PC, click "**Skip — I'm on a VPS or only need home WiFi access**" at the bottom and use the local IP instead of Tailscale.

12.3 — Install Tailscale on the PC/VPS

STEP 01 Open the Tailscale download page

In the Mobile Access dialog, click **Download Tailscale for Windows**. Your browser opens the official Tailscale download page:

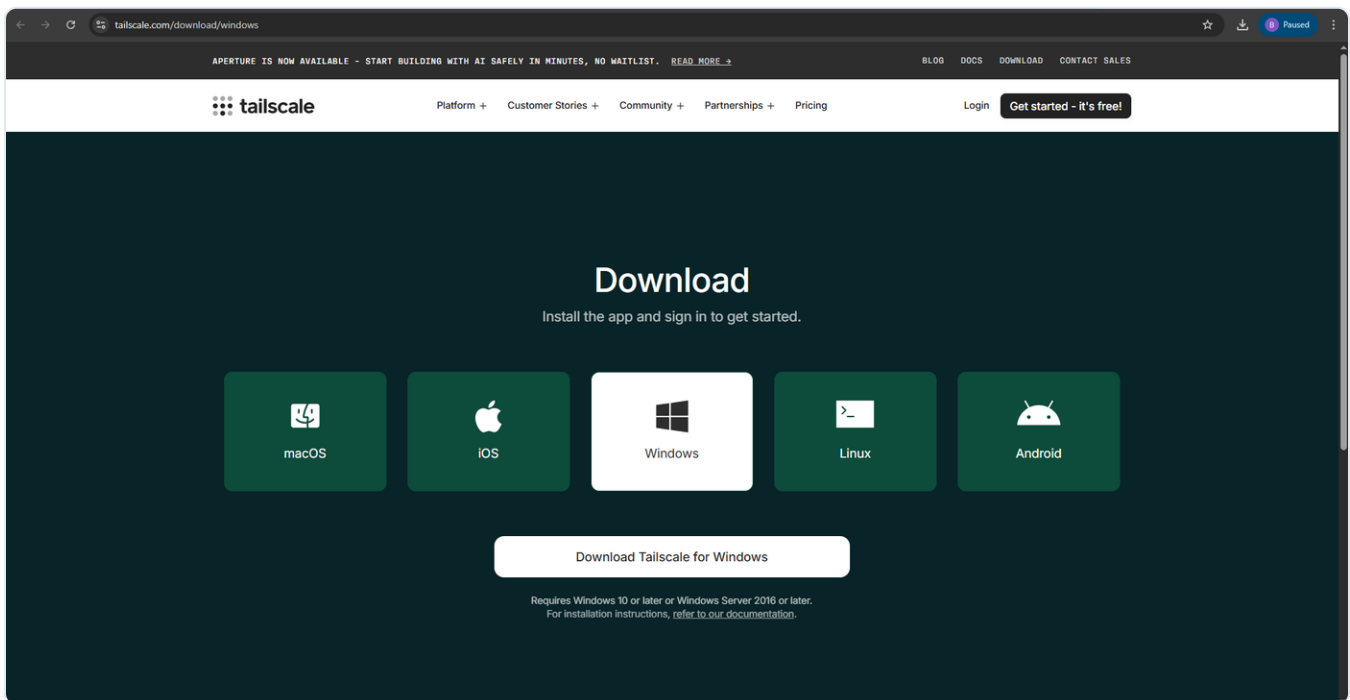


Figure 12.2 — Tailscale download page. Tailscale is free for personal use and supports Windows 10 or later.

STEP 02 Run the Tailscale installer

Open the downloaded installer. Check **I agree to the license terms and conditions**, then click **Install**:

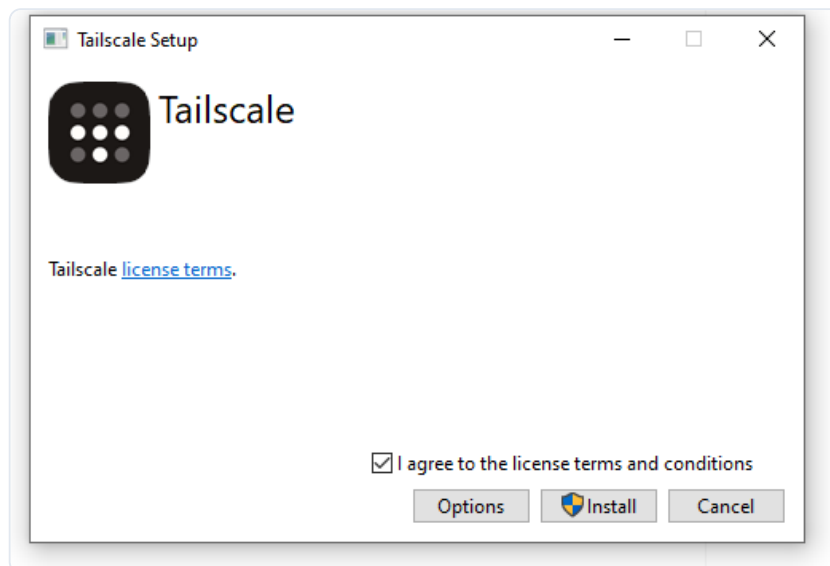


Figure 12.3 — accept the license terms and click Install.

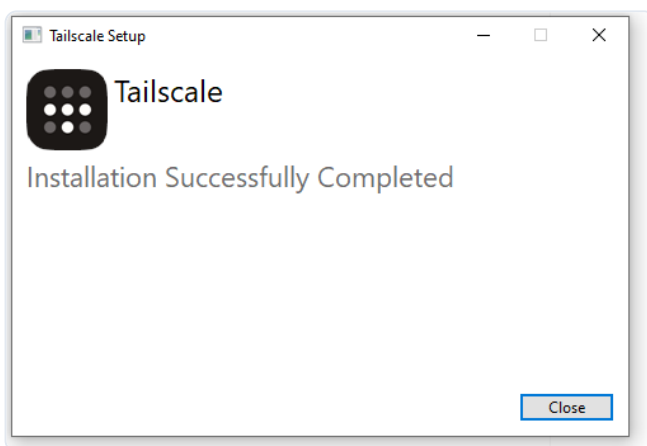


Figure 12.4 — installation in progress (under a minute).

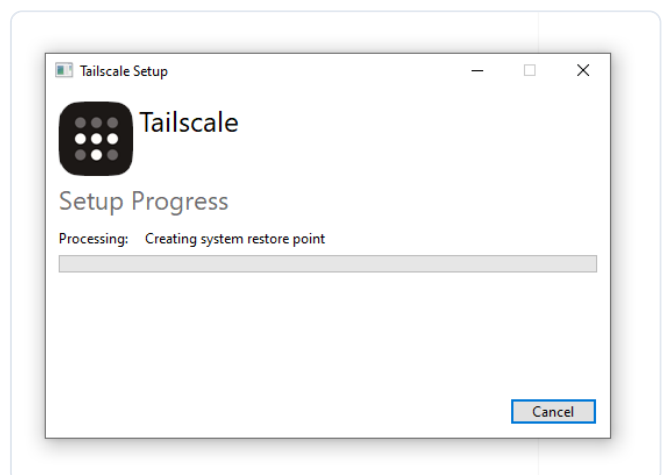


Figure 12.5 — "Installation Successfully Completed" → click **Close**.

12.4 — Sign in to Tailscale

Tailscale launches automatically after installation and shows the welcome screen.

STEP 01 Join your network

Click **Get Started**, then **Sign in to your network**. No account yet? Click **Sign up**.

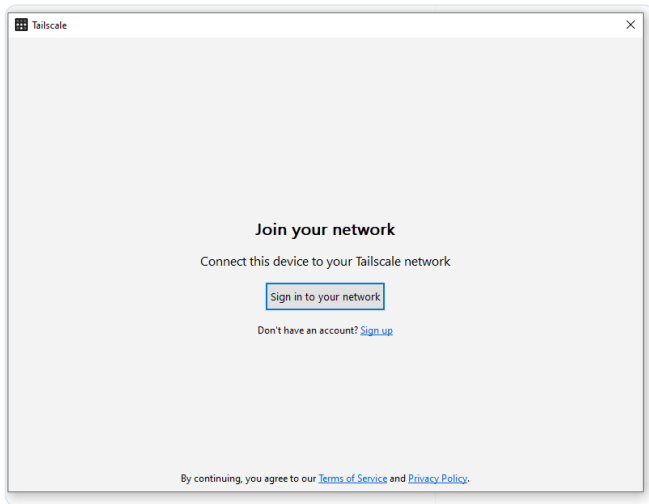


Figure 12.6 — Welcome to Tailscale → Get Started.

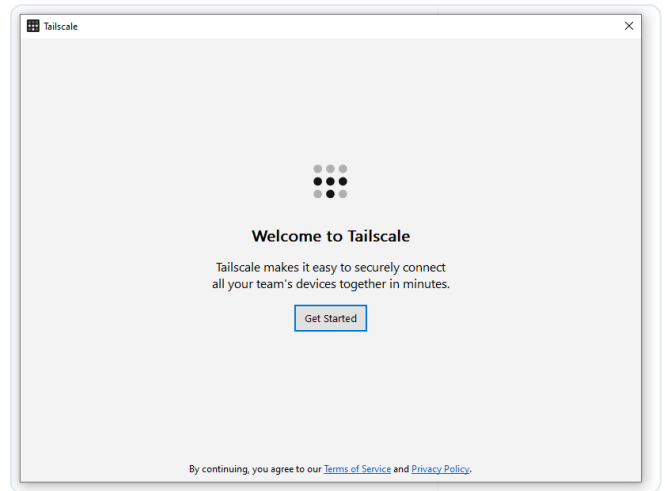


Figure 12.7 — Join your network → Sign in / Sign up.

STEP 02 Choose an identity provider

Your browser opens Tailscale's sign-up page. Choose any account you already have — Google, Microsoft, GitHub, Apple, or OIDC. There is no separate Tailscale password to remember.

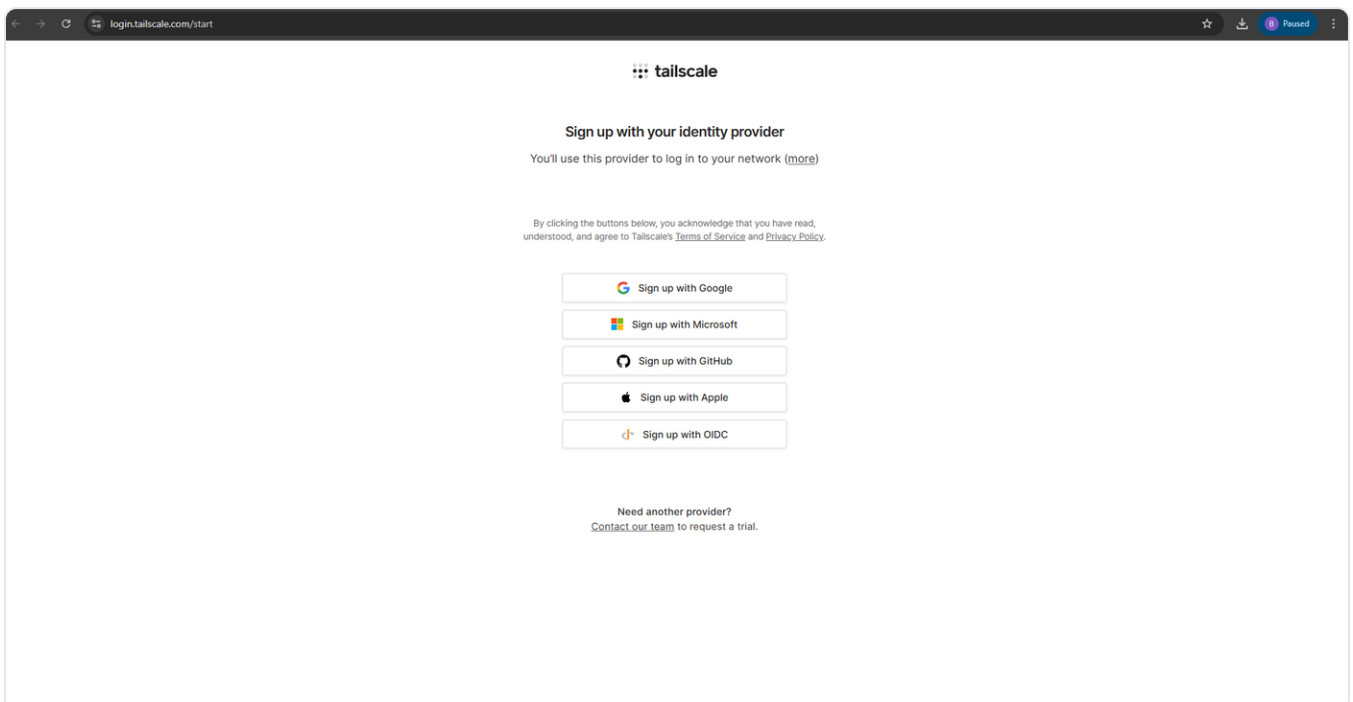


Figure 12.8 — sign up with your identity provider.

Important: Use the **same** identity provider account on both your PC and your iPhone. If the accounts don't match, the two devices won't see each other on the Tailscale network.

STEP 03 Grant permission and complete onboarding

Approve the permission prompt — Tailscale only reads your profile to identify your account:

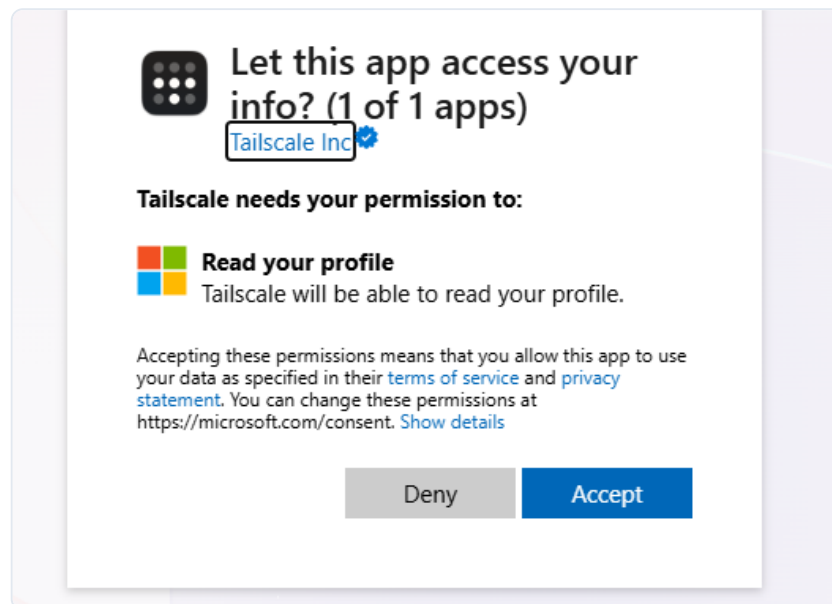


Figure 12.9 — click **Accept**.

Tailscale shows a brief survey. Pick **Personal or At-Home Use**, any role, **I don't use a VPN** (unless you do), then **Next: Add your first device**:

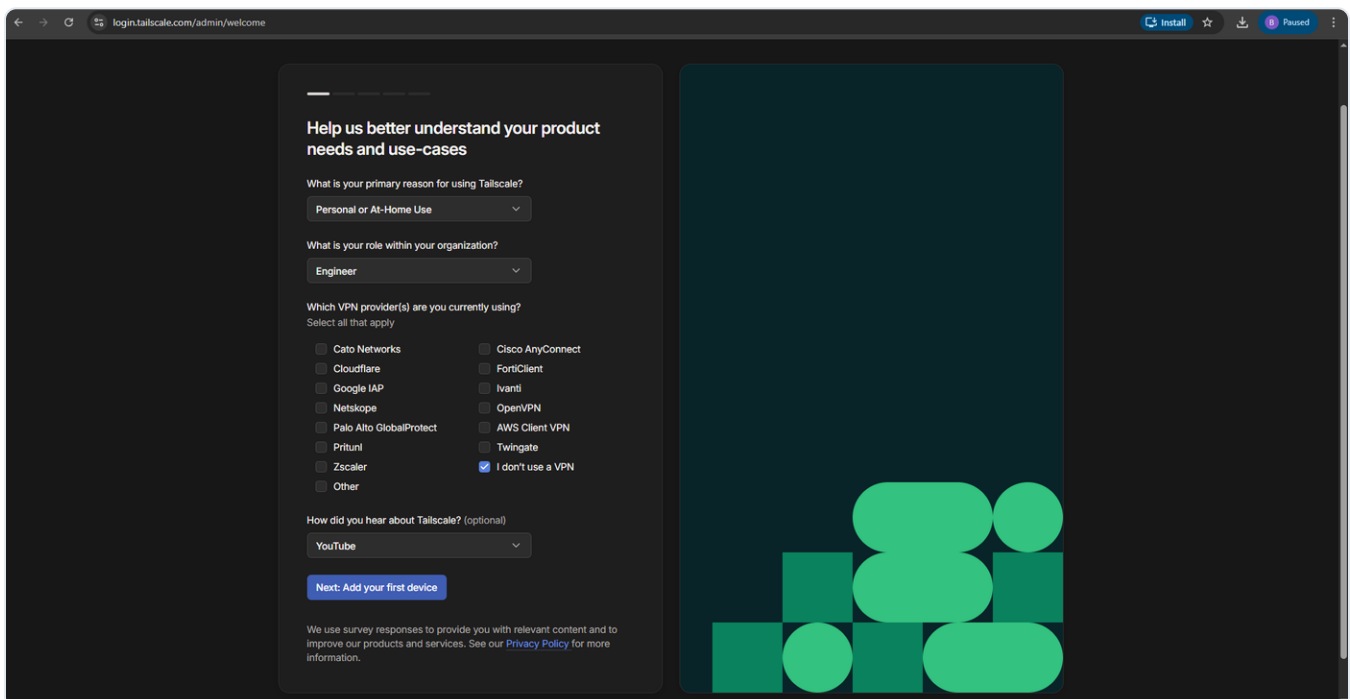


Figure 12.10 — onboarding survey → Personal or At-Home Use → continue.

On the "Let's add your first device" page you can ignore the browser — the Tailscale app on your PC registers itself automatically once you sign in:

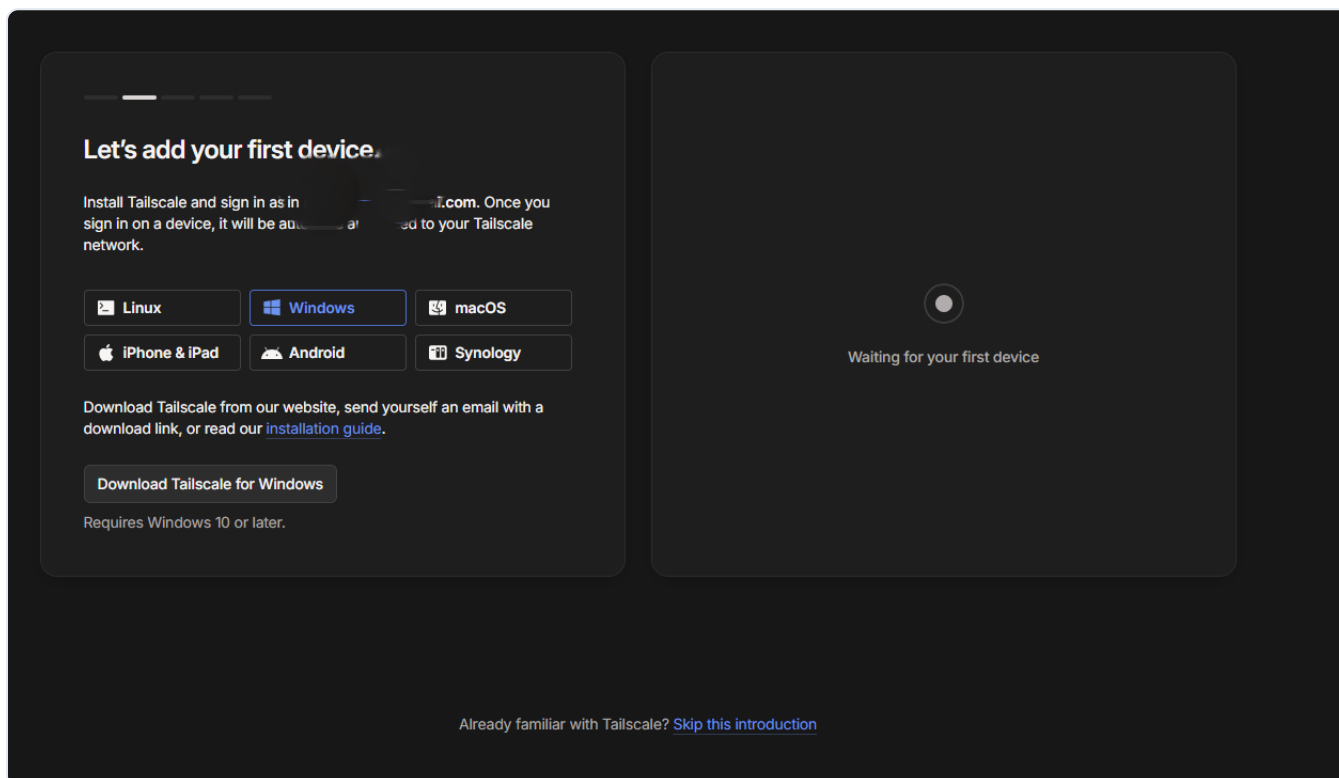


Figure 12.11 — nothing to do here; the PC auto-registers. You'll add the iPhone in 12.5.

STEP 04 Confirm the PC is connected

Return to the Tailscale window and click **Sign in to your network** if prompted. Within seconds Tailscale assigns the PC a private address that looks like `100.x.x.x`.

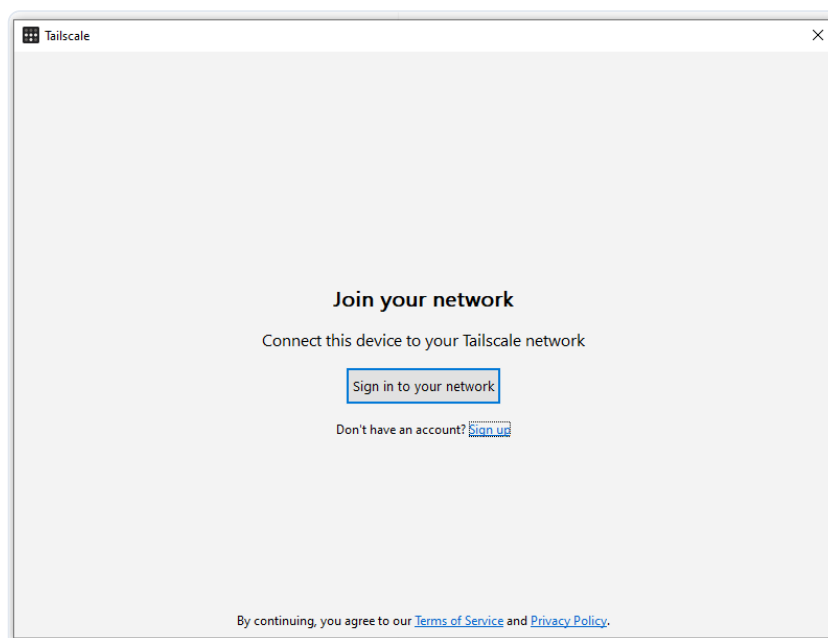


Figure 12.12 — click "Sign in to your network" to finish on this PC.

12.5 — Install Tailscale on your iPhone

Open the **App Store**, search for **Tailscale**, and install the official app from Tailscale Inc. Open it and sign in with the **same identity provider account** you used on the PC.

When prompted, allow Tailscale to add a VPN configuration — this is required for the secure tunnel. It does **not** route your normal internet traffic through Tailscale; it only enables direct device-to-device connections.

Tip: After signing in on the iPhone, both devices appear on your Tailscale network. You can leave the iPhone app in the background — it stays connected automatically.

12.6 — Start the mobile server

Return to SignalTrader. The first checkbox is now green. Click **Open Tailscale** if Tailscale is not yet connected, otherwise click **Check connection**:

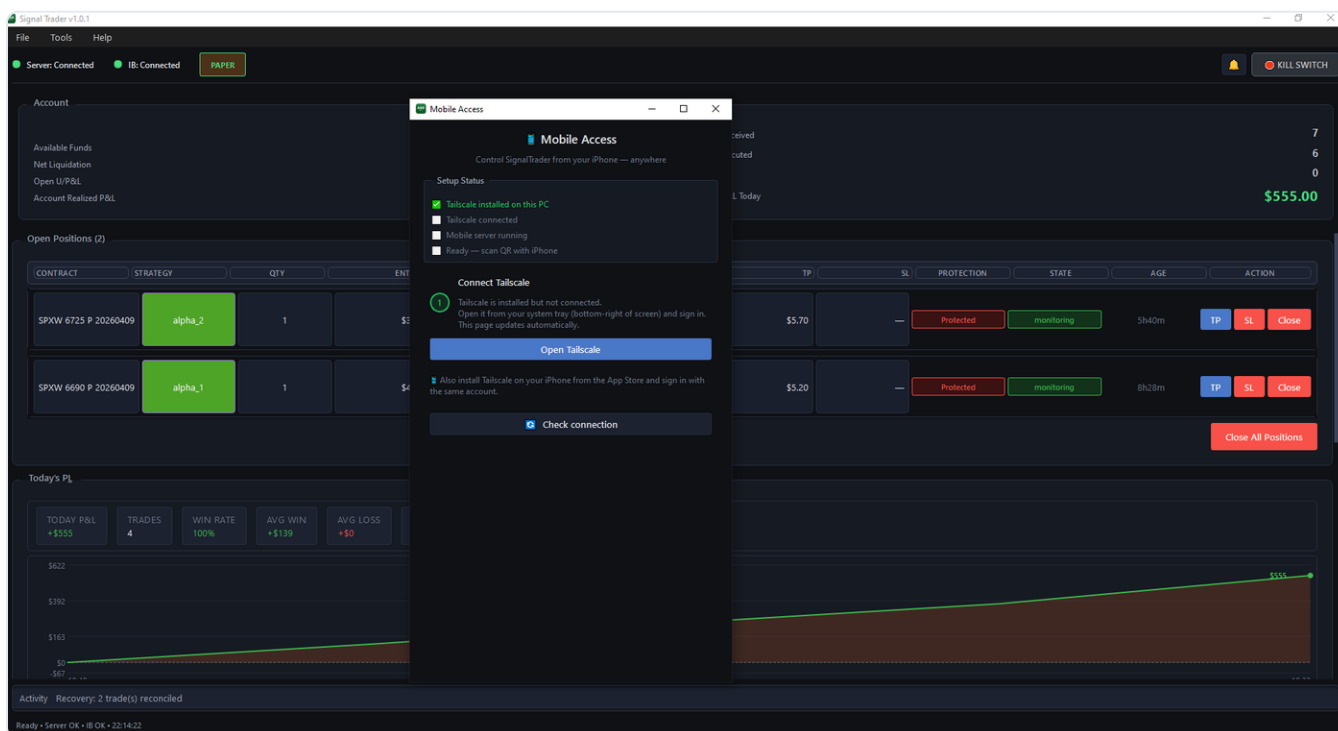


Figure 12.13 — Mobile Access after Tailscale installation.

STEP 01 Verify the tunnel is connected

Once Tailscale is signed in, the second checkbox turns green — **Tailscale connected** — with your PC's address next to it, and the **Start Server** button appears:

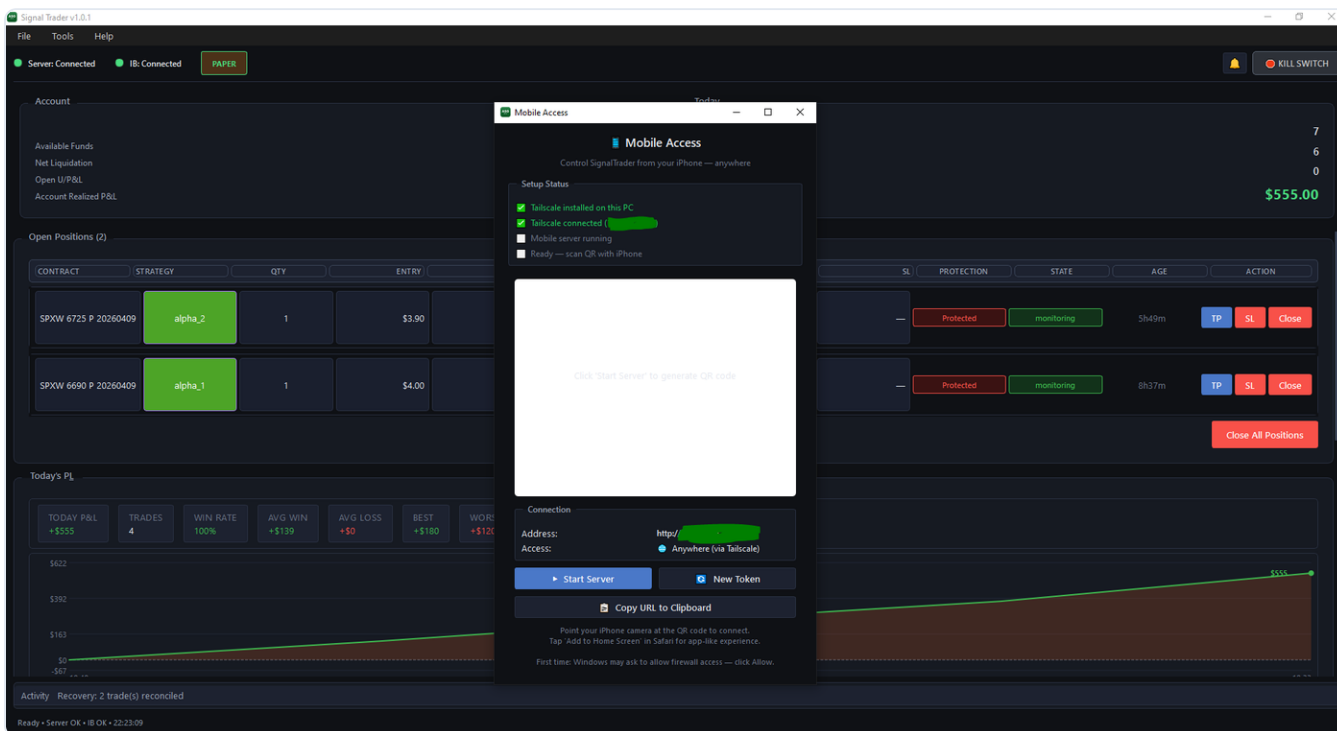


Figure 12.14 — two green checks; the QR area stays empty until you start the server.

STEP 02 Click Start Server

Click **Start Server**. The first time, Windows Defender Firewall asks for permission. **Check both Private networks AND Public networks**, then click **Allow access** — both are needed so the iPhone can reach the server on home WiFi and on cellular:

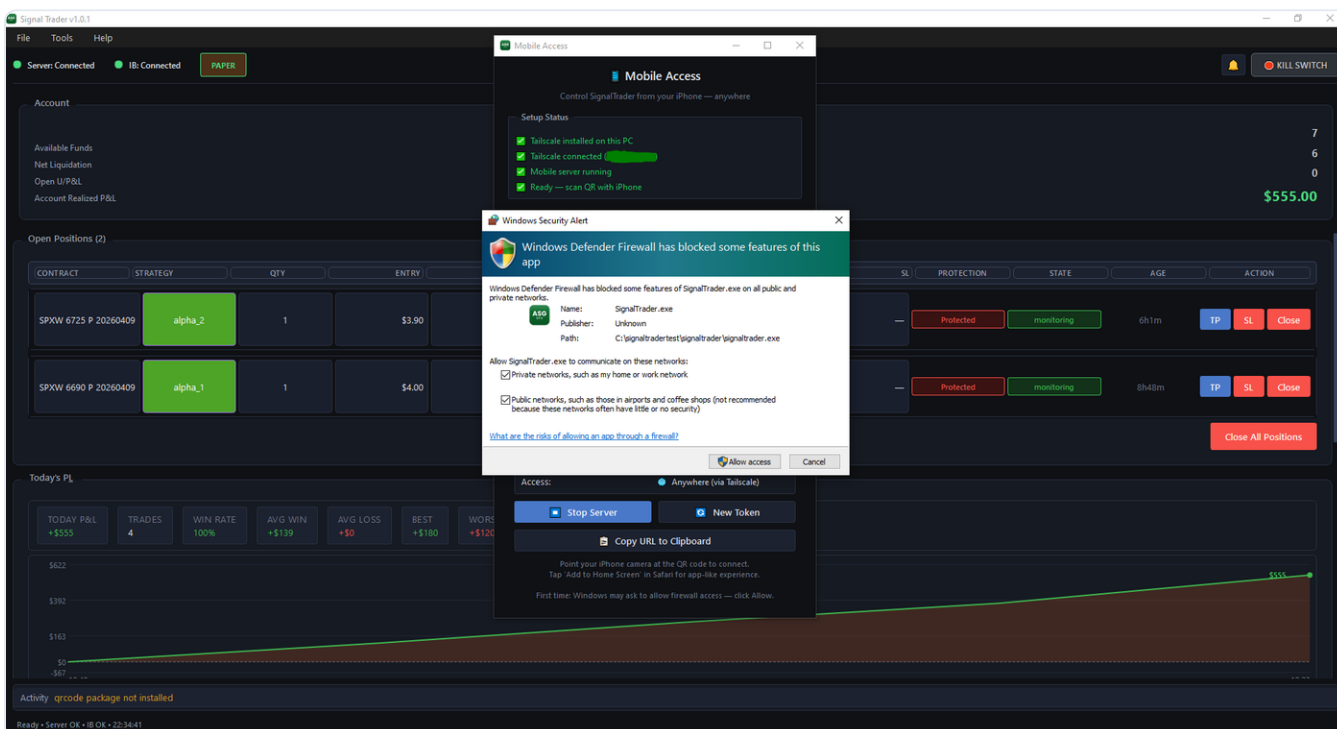


Figure 12.15 — the firewall prompt appears only the first time.

12.7 — Scan the QR code from your iPhone

All four checkboxes are now green and a large QR code appears. The connection details show the address (`http://100.x.x.x:port`) and the access mode (**Anywhere via Tailscale**):

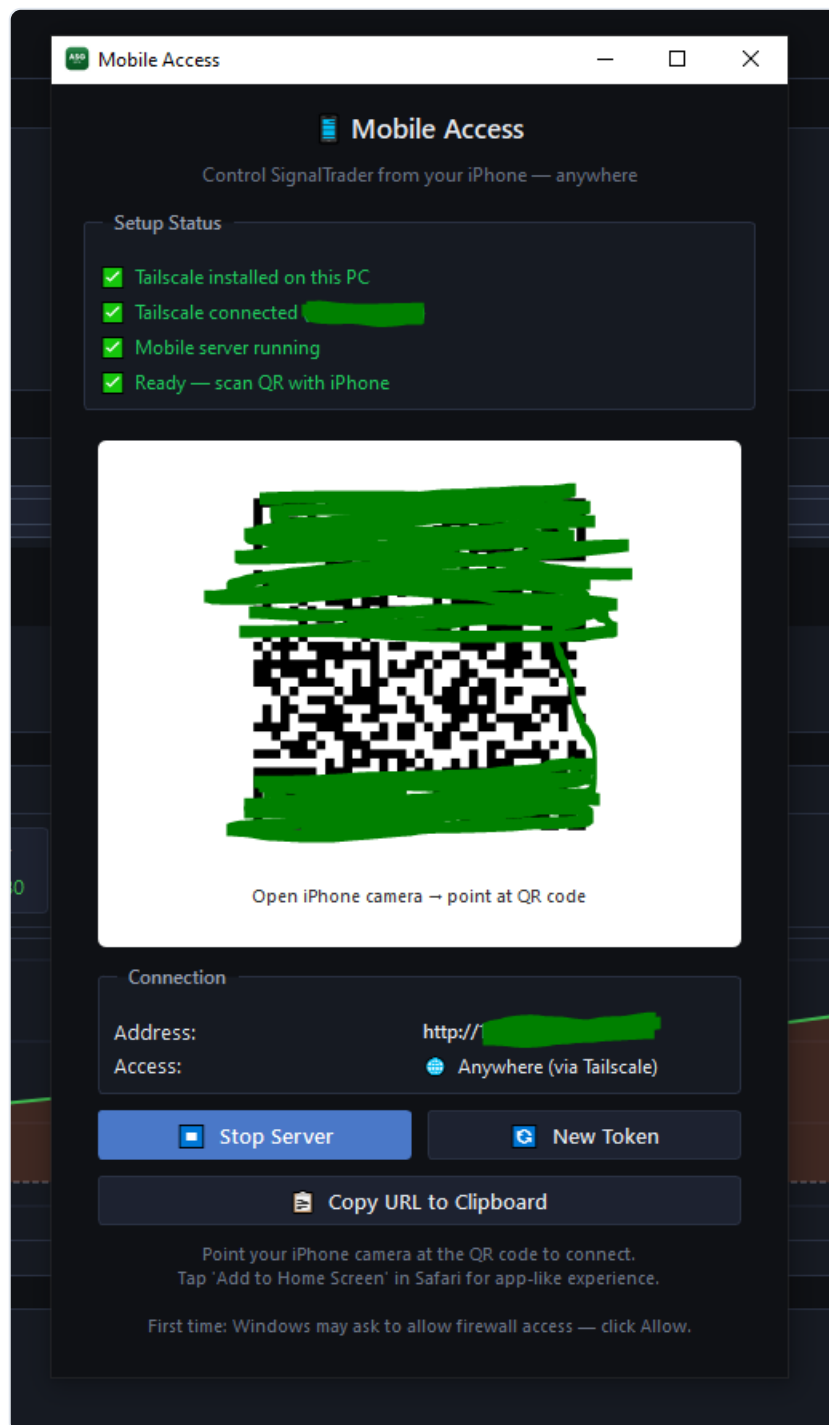


Figure 12.16 — Mobile Access fully ready.

STEP 01 Open your iPhone camera

Point the native Camera app at the QR code on the PC screen. A notification banner appears at the top — tap it to open the SignalTrader mobile dashboard in Safari.

STEP 02 Add to Home Screen (recommended)

In Safari, tap the **Share** icon → **Add to Home Screen**. You get an app-like icon that opens SignalTrader full-screen.



Figure 12.17 — the ASG SPX icon on your iPhone home screen after adding it. Tap it like any app.

STEP 03 Trade from anywhere

From the iPhone dashboard you can view open positions and live P&L, edit TP/SL, close individual positions or all at once, see today's signals and closed trades, and trigger the kill switch.

Tip: If the iPhone shows "Cannot connect to server", verify: (1) the Mobile Access dialog still shows all four green checks, (2) the Tailscale app on the iPhone is connected (green), (3) the PC has not gone to sleep.

12.8 — A tour of the mobile dashboard: what to expect

Here is what opens on your iPhone. The dashboard is Arabic-first (right-to-left); the tab names below are given with their English meaning. The status bar at the top of every screen shows four badges — **LIVE** / **PAPER** (the highlighted one is your active mode), **WS** (the link to your desktop SignalTrader) and **IB** (the broker connection). **Green dots = everything is connected.**

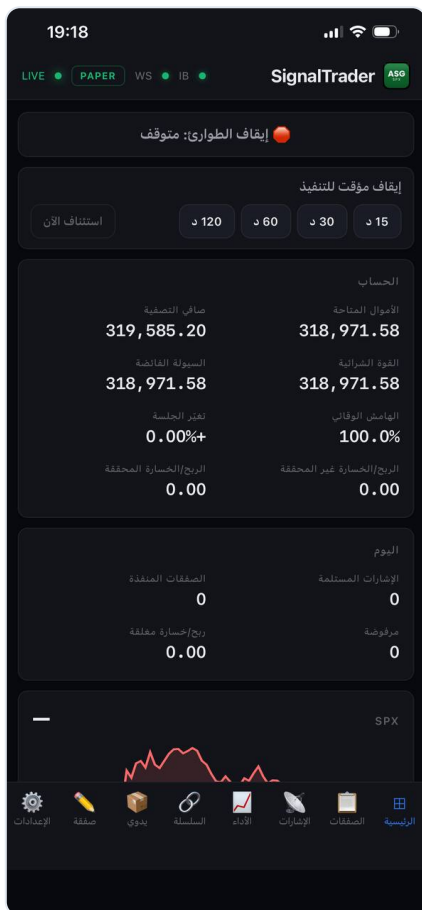


Figure 12.18 — **الرئيسية (Home), top:** kill-switch status, pause execution for 15–120 minutes, full account summary and today's stats.



Figure 12.19 — **Home, scrolled:** live SPX chart, open positions with filters, and live IB orders.

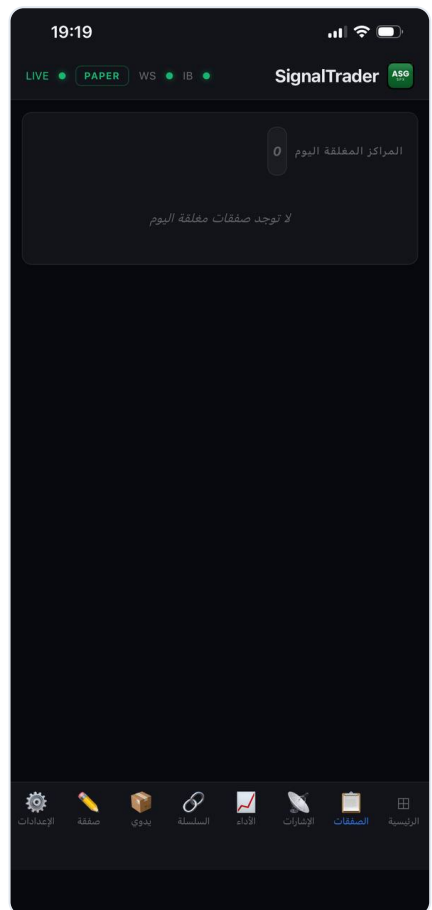


Figure 12.20 — **الصفقات (Trades):** positions closed today with their results.

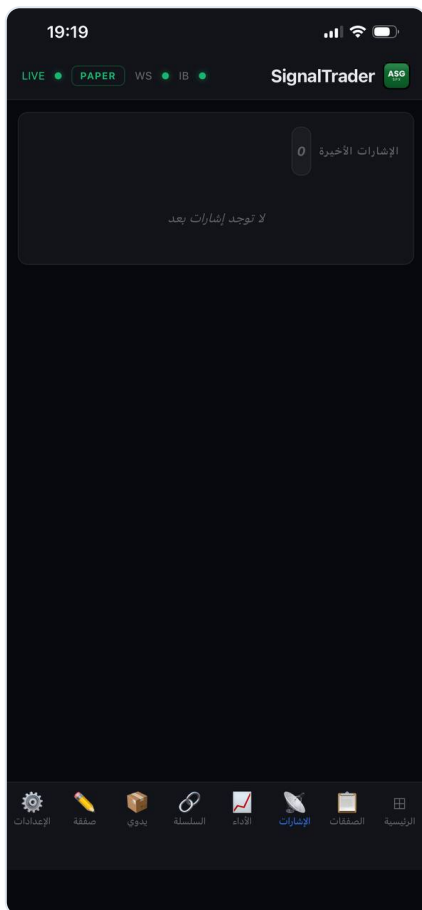


Figure 12.21 — **الإشارات (Signals)**: the live feed of signals as they arrive from the ASG server.

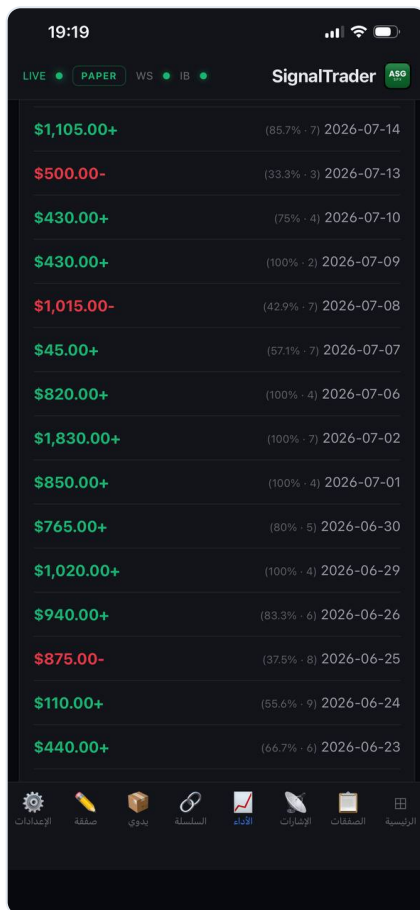


Figure 12.22 — **الأداء (Performance)**: daily P&L history with win rate and trade count per day.



Figure 12.23 — **السلسلة (Chain)**: search the option chain of any symbol.

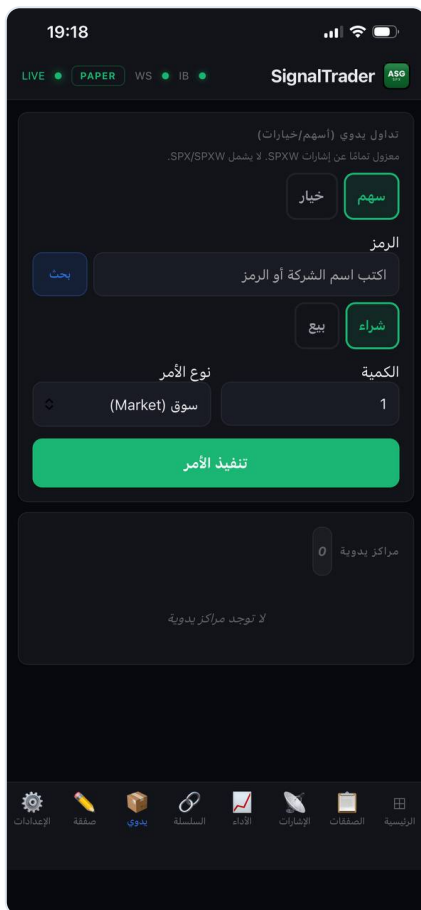


Figure 12.24 — **يدوي (Manual):** manual stock/option trading, fully isolated from SPXW signals.

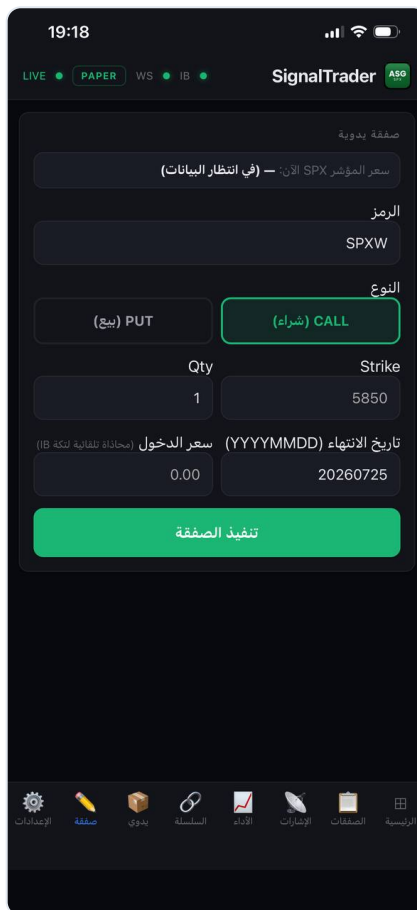


Figure 12.25 — **صفقة (Trade):** place a manual SPXW trade — CALL/PUT, strike, quantity, expiry.

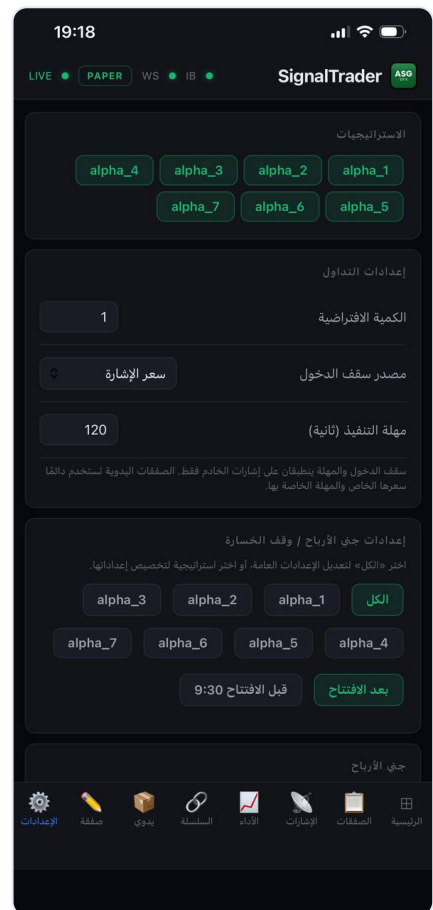


Figure 12.26 — **الإعدادات (Settings):** enable/disable alpha strategies, default quantity and timeout, and per-strategy TP/SL.

Tip: Fresh installs look empty like these screenshots — counters at 0 and "no open positions" is exactly what you should see before the first signal arrives.

12.9 — Day-to-day use

- The server stays running across SignalTrader sessions — once started, it auto-resumes when you reopen the app.
- Stop it any time with **Stop Server**.
- Rotate the access token with **New Token** — this generates a fresh QR code and invalidates old links.
- Prefer typing? **Copy URL to Clipboard** and paste it into Safari.

12.10 — Mobile Access troubleshooting

Tailscale shows installed but not connected: open Tailscale from the system tray (bottom-right) and click **Sign in**. Make sure the same account is signed in on PC and iPhone.

Activity bar shows "qrcode package not installed": download the latest ZIP package (v1.1.0 or higher) and replace your extracted folder with it — earlier builds did not bundle the QR library.

iPhone scans the QR but Safari shows "Cannot connect": confirm the iPhone Tailscale app is connected (green dot); check the firewall allowed `SignalTrader.exe` (click Stop then Start Server to re-trigger the prompt); make sure the PC is awake and SignalTrader is running.

Works on home WiFi but not on cellular: Tailscale isn't actually connecting — open the iPhone Tailscale app and verify the green status. If you clicked "Skip" earlier and used a local IP, redo setup with Tailscale for "Anywhere" access.

13. Troubleshooting Common Issues

App crashes or closes immediately

Check the log file at: `%APPDATA%\SignalTrader\logs\` (paste that path into the File Explorer address bar).

"VCRUNTIME140.dll not found" error

Common on fresh VPS machines. Download and install the Visual C++ Runtime, then restart:

```
https://aka.ms/vs/17/release/vc_redist.x64.exe
```

Cannot connect to the ASG server (Server: red)

- Check the internet connection
- Verify firewall rules (Section 8)
- Check antivirus exclusions (Section 9)

Cannot connect to IB Gateway (IB: red)

- Make sure IB Gateway is running and logged in
- Verify the API port matches (4001 live / 4002 paper)
- **Enable ActiveX and Socket Clients** must be checked
- **Read-Only API** must be **unchecked**
- Check that API Precautions are bypassed (Section 6)
- Account type is **IBKR Lite** — Lite has no API access; switch to IBKR Pro (Section 6.3)

Orders not executing / hanging

- Most common cause: API Precautions still enabled (Section 6.1) — check **Bypass Order Precautions for API Orders**
- Verify trading permissions and that the account is **IBKR Pro**, not Lite (Section 6.3)
- Make sure you have sufficient buying power / margin

Mobile Access issues

See Section 12.10.

14. Getting Support

Channel	Details
Telegram support	@ASGSPX — message directly for help
Main services bot	@ASGSPX_Bot — subscriptions and all ASG services
Official store	https://asg-store.com — buy or renew activation packages
Download page	www.asgspxusfarms.com/downloads/
Log files	%APPDATA%\SignalTrader\logs\

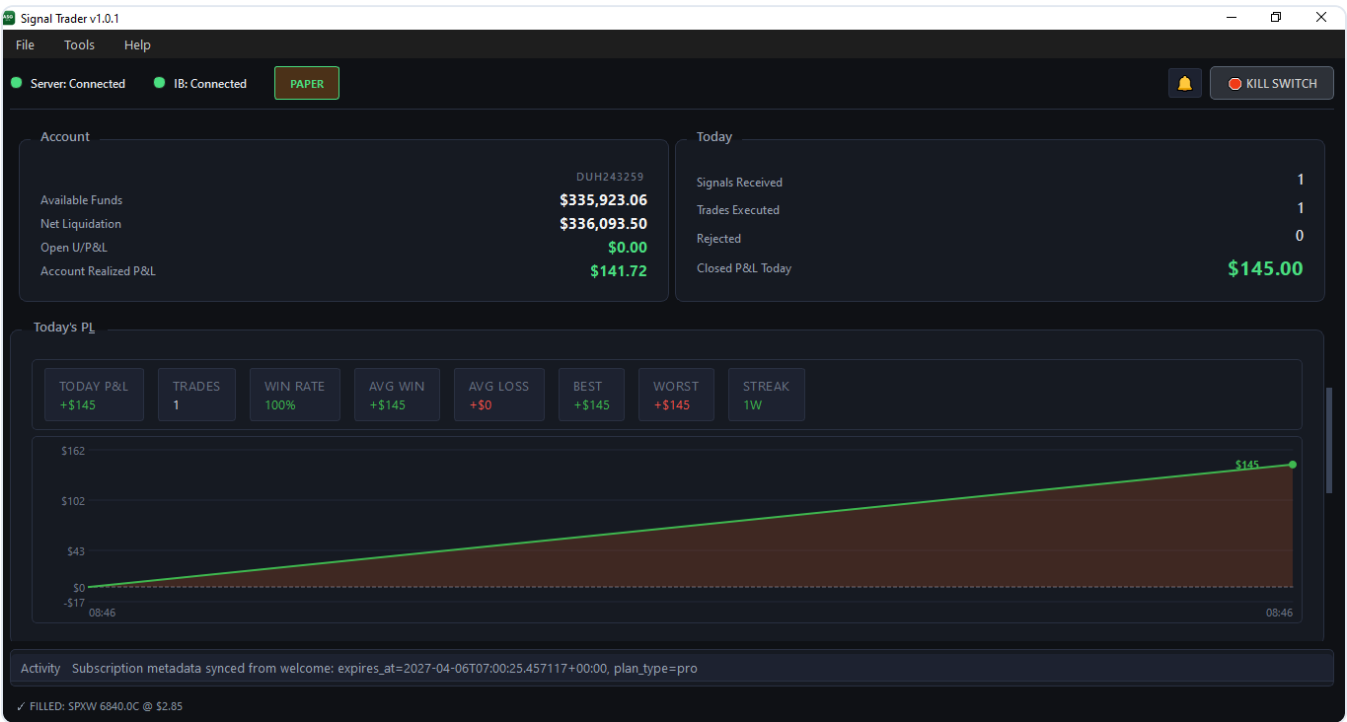
When contacting support, please include — this lets us solve most problems in one reply:

- Your Windows version, and whether you are on a PC or a VPS
- Which section and step of this guide you are on
- Whether you are using Mobile Access (and which of the four checkboxes is failing)
- The log file from %APPDATA%\SignalTrader\logs\
- A screenshot of the error message

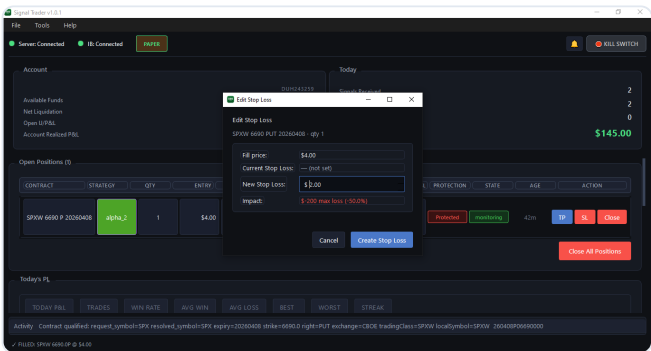
Appendix A — SignalTrader Interface Tour

A quick visual tour so you know what everything on screen means.

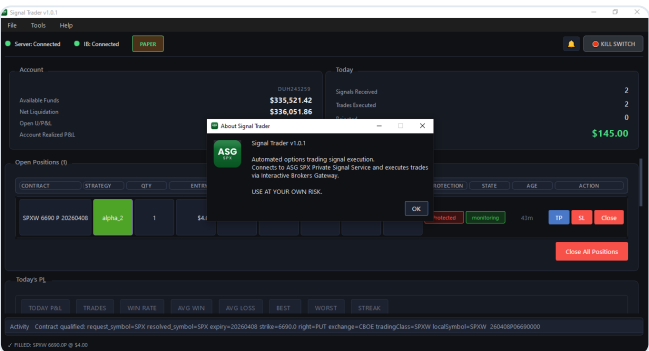
The main dashboard



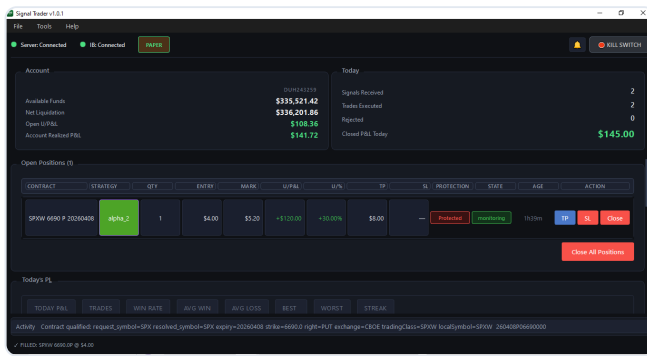
The main dashboard with open positions: account info (top-left), connection badges and PAPER/LIVE mode (top bar), open positions with per-position **TP / SL / Close** buttons, today's stats, the intraday P&L curve, and the red **Kill Switch** (top-right).



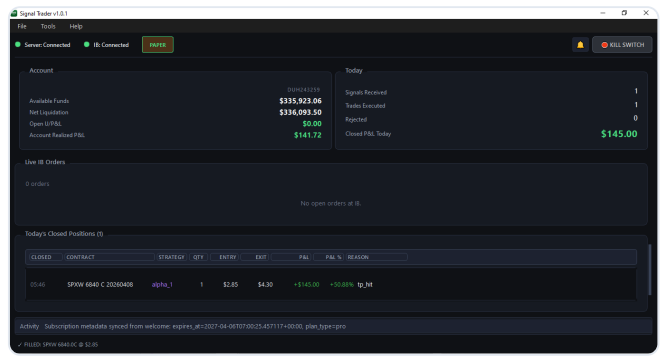
Today's Closed Positions — every finished trade with its exit reason.



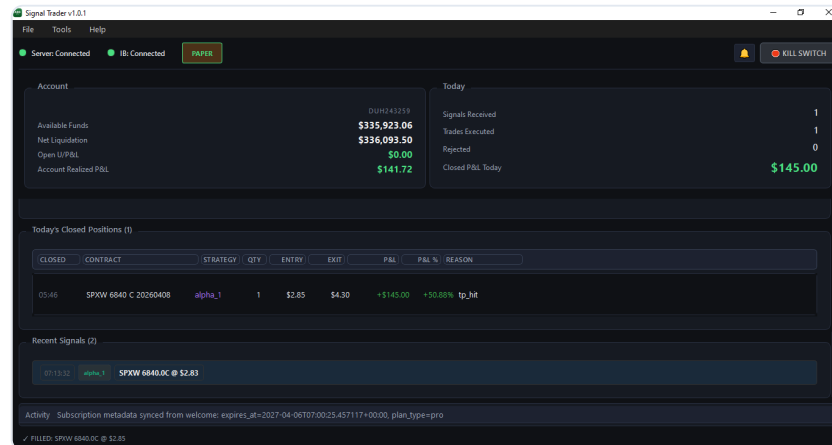
Recent Signals feed — signals as they arrive from the ASG server.



Live IB Orders — working orders at the broker in real time.



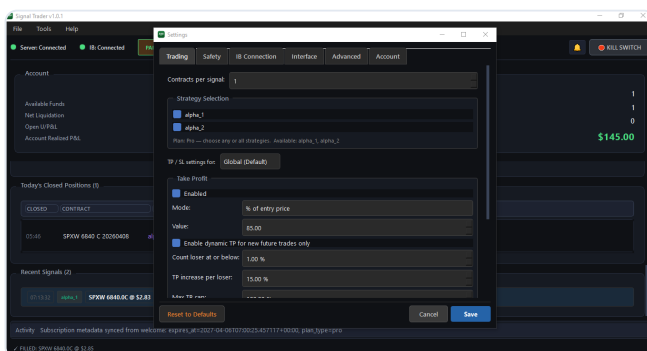
Edit TP/SL — click TP or SL on any position to adjust it.



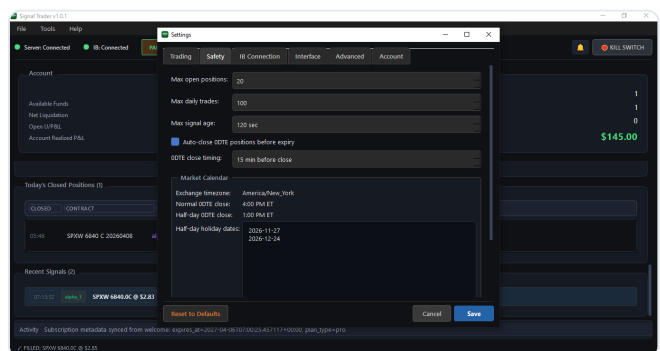
Kill Switch — instantly closes all positions and pauses trading. It asks for confirmation first.

Settings tabs

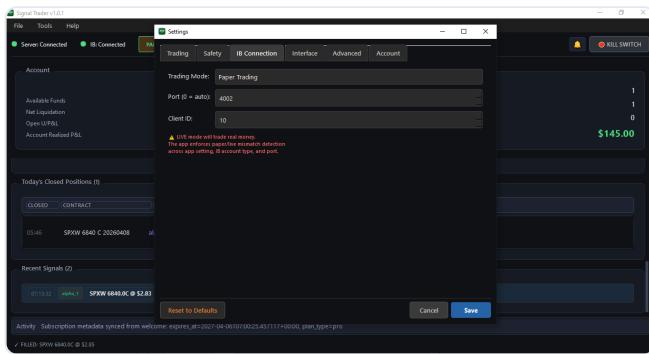
Reminder: the first settings change after initial setup needs an app restart; every later change applies immediately (see Section 7).



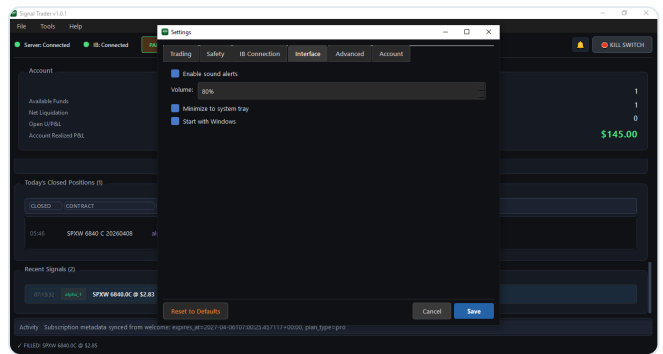
Trading — contracts per signal, strategy, TP/SL defaults.



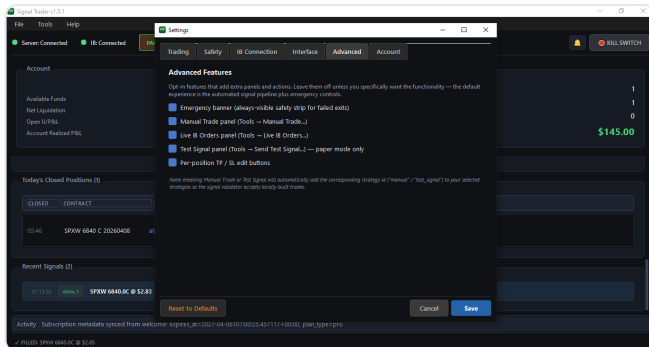
Safety — position limits, signal age, ODTE auto-close.



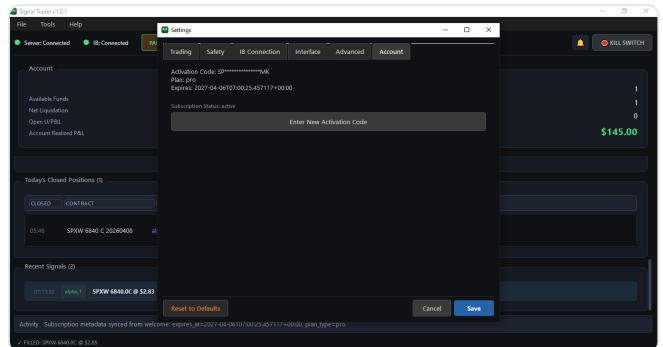
IB Connection — Paper/Live mode, port, client ID.



Interface — sounds, system tray, start-up behavior.

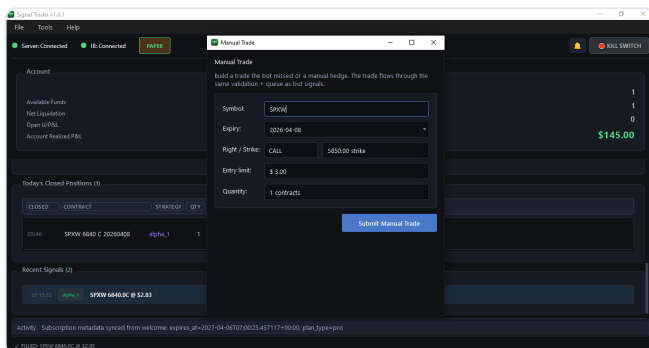


Advanced — opt-in panels such as Manual Trade and Test Signal.

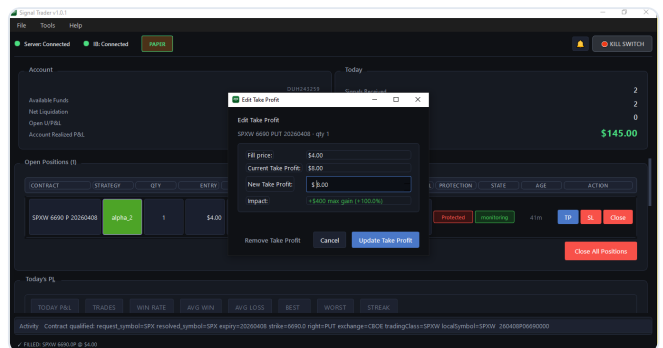


Account — subscription details and activation code.

Optional panels (Advanced tab)

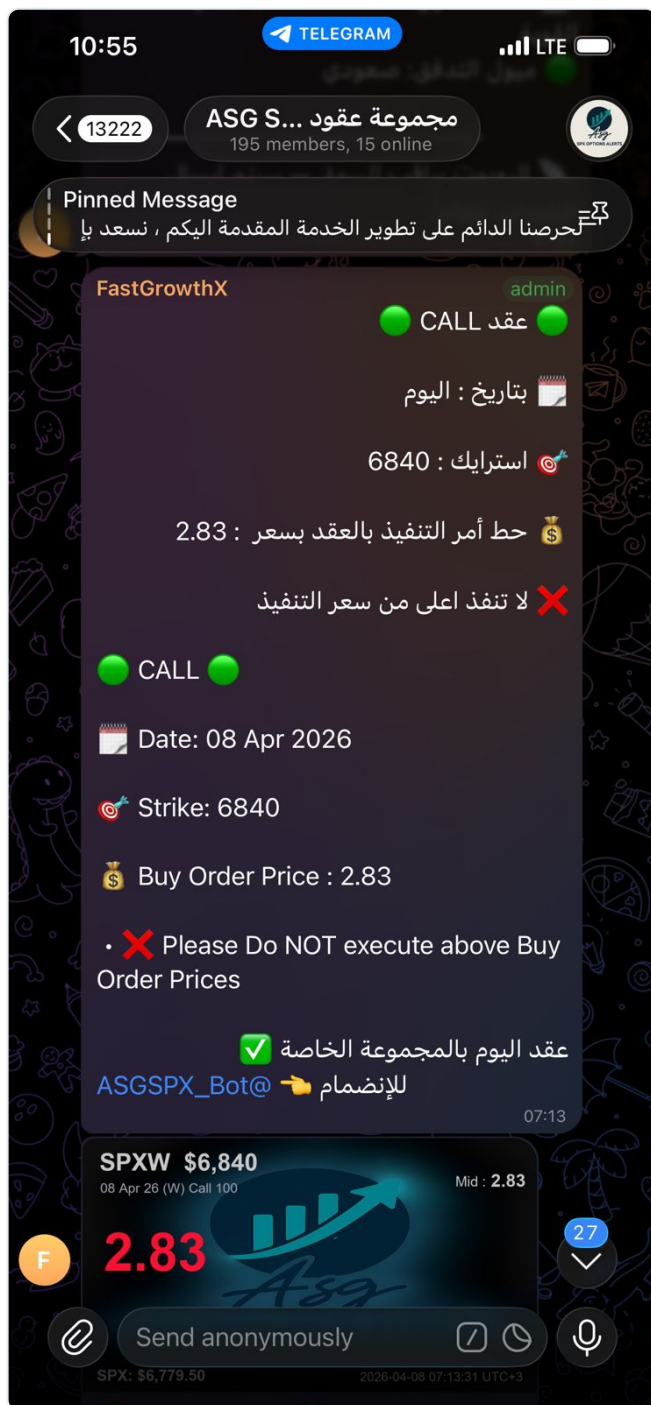


Manual Trade — place your own SPX order alongside the automation.

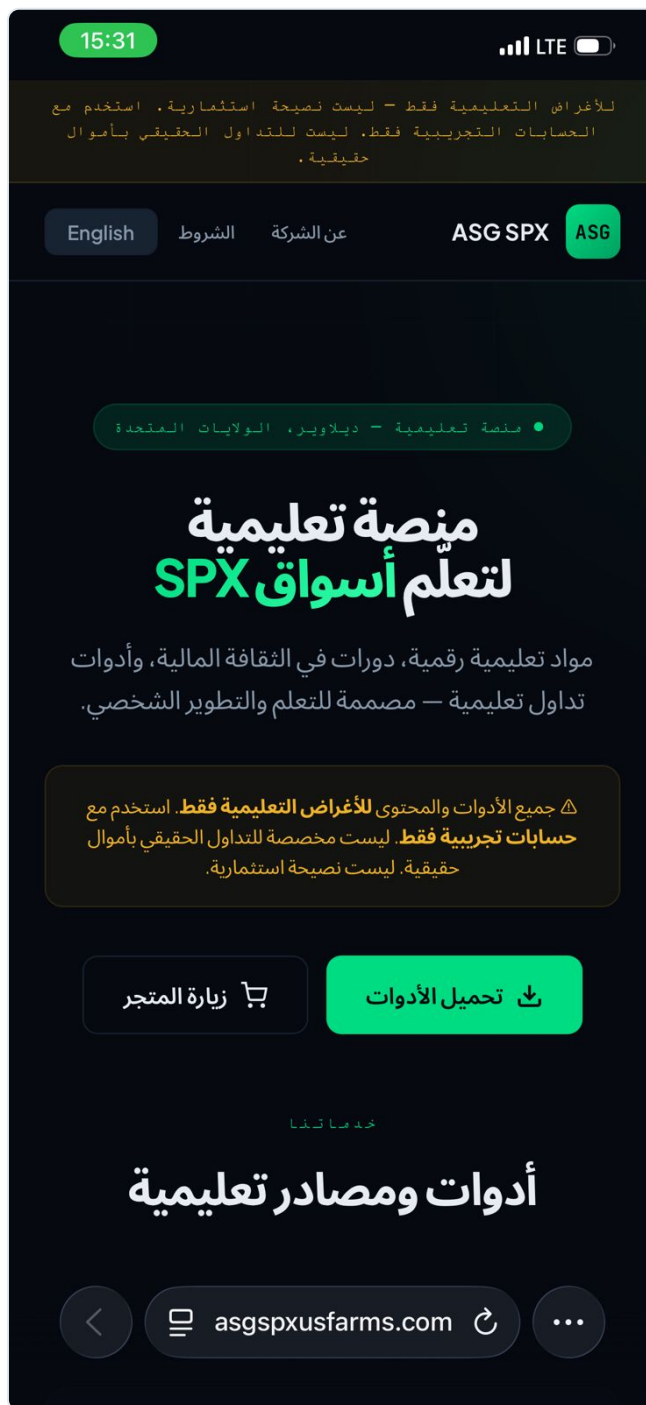


Test Signal — fire a fake signal to verify your whole pipeline safely.

On your phone



Signal notifications in the ASG Telegram channel.



www.asgspusfarms.com on mobile — downloads, store and terms.

Thank you for using SignalTrader. Trade safe — and start on Paper.

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